Drilling Logs of Government Core Drills 1986

Compiled by
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Report 87-4

Nova Scotia
Department of Mines and Energy

Honourable Ken Streatch
Minister

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INTRODUCTION

During 1986, drilling centred exclusively upon Nova Scotia Department of Mines and Energy (NSDME) projects. A total of 64 drillholes (6,682 m) were drilled at 16 different sites (Fig. 1).

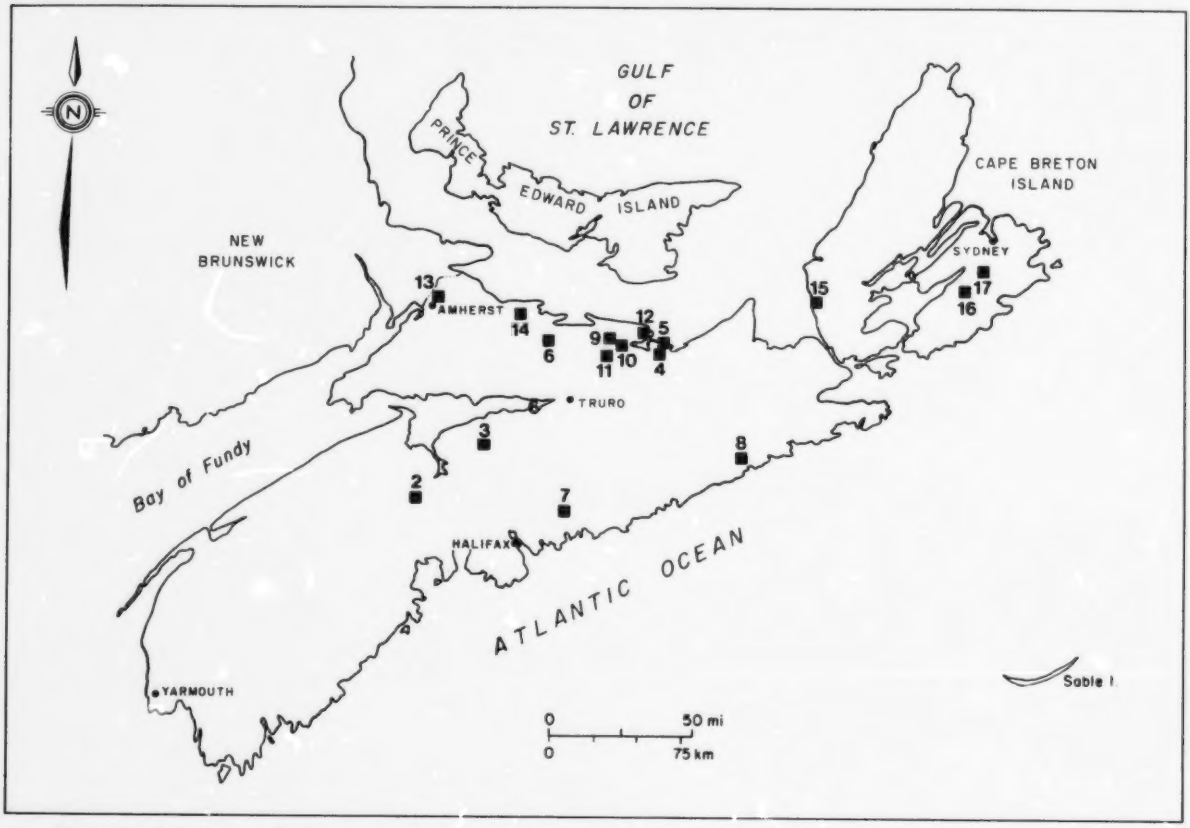

Figure 1. Map of Nova Scotia showing location of Figures 2 to 17 inclusive.

The drilling objectives included:

- coal at Lewis Road and Frasers Mountain, Pictou County,
- mineral deposit studies at Dean and Chapter Lake, Lunenburg County, at Lake Charlotte, Halifax County and at Salmon River, Cape Breton County,
- base metals at The Falls, Colchester County,
- potash and salt at Riverside Corner, Hants County,
- gold at Sinclair Lake, Guysborough County,
- gypsum at Meadows Road, Cape Breton County, and
- building stone at Hardwood Hill, Sawmill Brook, Eight Mile Brook and Caribou Road, Pictou County, at Amherst and Wallace, Cumberland County and at Judique, Inverness County.

Drilling began at Riverside Corner on November 19, 1985 and was completed on March 24, 1986. Work at Dean and Chapter Lake began in December 1985 and

was completed on March 4, 1986. Both of these holes are covered in this report. Drilling was started at Big Tom Wallace Lake in July 1986 but the hole will not be completed until March 1987 and therefore will be documented in Drilling Logs of Government Core Drills, 1987.

This report is a compilation of abbreviated logs from the project geologist's log unless indicated, in which case the data source is the driller's log. All measurements in this report are in metres. The majority of drillholes were vertical. The exceptions are indicated. The surveyed locations of all drillholes are on file with NSDME.

The author would like to express appreciation to J. L. Bates and Y. Brown for editorial review, and R. Jones, S. Harnish and B. MacDonald for the word processing required to prepare this report.

DEAN AND CHAPTER LAKE, LUNENBURG COUNTY

In December 1985, the third and final drillhole of this program was begun at Dean and Chapter Lake, Lunenburg County. It was completed in 1986. This drillhole was collared at the same location as D&C 85-2 but was on an azimuth of 140° and an angle of 75°. The project geologist was Mr. G. O'Reilly of the Mineral Resources Division of NSDME. The details for the two previous drillholes (D&C 85-1 and D&C 85-2) are in *Report 86-3: Drilling Logs of Government Core Drills, 1985*.

NSDME Record No. 7700

Borehole No.: D&C 85-3
Drilling Objective: Mineral deposit studies
Location: NTS map sheet 21A/16B, Tract 106, Claim H (Fig. 2)

Strata	Thickness (m)	Depth (m)
Overburden	1.8	1.8
Monzogranite, lightly hematized	16.6	18.4
Monzogranite, unaltered grey	5.4	23.8
Monzogranite, lightly hematized	20.4	44.2
Monzogranite, moderately to lightly hematized	8.2	52.4
Monzograntie, lightly hematized	5.4	57.8
Monzogranite, moderately hematized	5.3	63.1
Monzogranite, grades light to fresh	15.2	78.3
Hematization zone, grades to fresh monzogranite	2.0	80.3
Monzogranite, fresh grey	3.8	84.1
Monzogranite, moderate to intense hematization	4.7	88.8
Monzogranite, brown-orange, extremely hematized	2.3	91.1
Monzogranite, moderately to highly hematized	4.6	95.7
Monzogranite, orange, silicified	2.1	97.8
Leucomonzogranite dyke, pink-grey	2.2	100.0
Monzogranite, orange, silicified	1.3	101.3
Monzogranite, intense hematization	1.1	102.4
Monzogranite, lightly hematized	14.3	117.0
Monzogranite, moderately hematized	17.1	134.1
Monzogranite, fresh grey	42.4	176.5
Monzogranite, moderate to highly hematized	0.3	176.8
Hematite zone	1.8	178.6
Monzogranite, lightly hematized	7.8	186.4
Monzogranite, highly hematized	2.6	189.0
Monzogranite, fresh grey	7.6	196.6
Monzogranite, moder-		

ately to strongly hematized	11.6	208.2
Monzogranite, intensely hematized	8.8	217.0
Monzogranite, fresh grey	2.4	219.4
Hematized zone, hematite, breccia and calcite	2.2	221.6
Hematized zone, weaker than above, calcite	5.8	227.4
Monzogranite, fresh grey	13.4	240.8
Monzogranite, hematized	3.0	243.8
Monzogranite, lightly hematized	6.7	250.5
Monzogranite, highly hematized	3.9	254.4
Leucomonzogranite dyke, pink, silicified	1.0	255.4
Hematized zone, hematite and ochre breccia	3.4	258.8
Monzogranite, lightly hematized	3.3	262.1
Fault zone, calcareous and ochre zones	2.8	264.9
Monzogranite, lightly to moderately hematized	12.8	277.7
Monzogranite, fresh grey	15.7	293.4
Hematized halo zone	1.5	294.9
Leucomonzogranite dyke	8.1	303.0
Monzogranite, lightly hematized	1.8	304.8
Leucomonzogranite, pink	2.3	307.1
Monzogranite, moderately hematized	0.6	307.7
Leucomonzogranite, grey	0.4	308.1
Monzogranite, variably hematized	19.5	327.6
Leucomonzogranite, hematite and ochre breccia zone	3.1	330.7
Leucomonzogranite, hematized and brecciated	10.1	340.8
Hematite and ochre breccia zone	0.6	341.4
Leucomonzogranite, pink-grey	57.3	398.7
Leucomonzogranite, hematized and brecciated (fault)	2.7	401.4
Leucomonzogranite, altered	2.8	404.2
Lost core	1.8	406.0
Leucomonzogranite, altered	5.8	411.8
Leucomonzogranite, desilicified	3.6	415.4
Leucomonzogranite, pink	5.2	420.6
Leucomonzogranite, desilicified	15.2	435.8
Fault zone, brecciated	0.7	436.5
Leucomonzogranite, altered	15.2	451.7

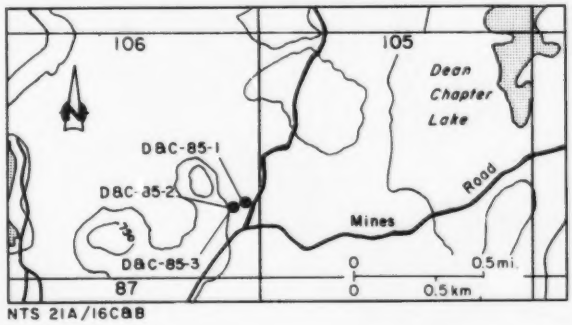

Figure 2. Dean and Chapter Lake, Lunenburg County.

RIVERSIDE CORNER, HANTS COUNTY

Drilling was carried out at Riverside Corner, Hants County, from November 19, 1985 to March 24, 1986. The site was in the area of McLeod Brook along the Goar Road. The project geologist was Mr. D. Carter of the Mineral Resources Division of NSDME. NSDME Open File Report 86-40 provides details on this drillhole.

NSDME Record No. 7701

Borehole No.: RC 85-1
Drilling Objective: Geological studies of salt and delineation of potential potash structures

Location: NTS map sheet 11E/04C, Tract 2, Claim H (Fig. 3)

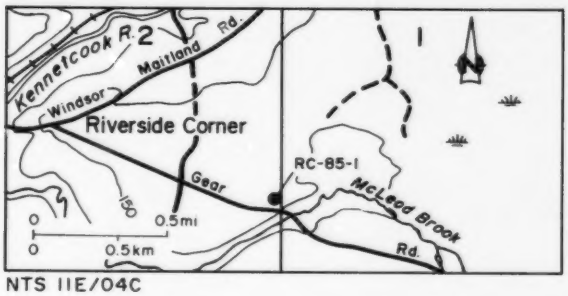

Figure 3. Riverside Corner, Hants County.

Strata	Thickness (m)	Depth (m)
Overburden	52.0	52.0
Bedrock, setting casing to this depth	25.0	77.0
Watering Brook Formation - greyish-green and minor reddish-brown calcareous mudstone with minute to large nodules; veins of buff, pinkish, pale yellow and grey gypsum, anhydrite and selenite; fault contact down	55.0	132.0
Scotch Village Formation - reddish-brown and minor greyish-green conglomerate, sandstone and siltstone; laminated; fining-upward cycles; minor calcrete; Windsor Group limestone clasts; unconformable contact down	326.0	458.0
Windsor Group, C - subzone, Green Oaks Formation- fault repeated Herbert River limestone	37.0	495.0
Windsor Group, B - subzone, MacDonald Road Formation interbedded algal, bioclastic limestone, nodular and laminated anhydrite; reddish-brown and minor greyish-green siltstone, and minor sandstone and conglomerate	162.0	657.0
Location of top of salt / base of dissolution	657.0	-
Windsor Group, B - subzone - as above with interbedded fine grained, clear, light and dark greyish-brown and orange-brown halite	400.6	1057.6

FRASERS MOUNTAIN, PICTOU COUNTY

Drilling near Frasers Mountain, Pictou County, began on April 9, 1986 and was completed on April 24, 1986. The project geologist was Mr. K. Gillis of the Energy Resources Division of NSDME.

NSDME Record No. 7702

Borehole No.: P-57
Drilling Objective: Rock characteristics and coal studies
Location: NTS map sheet 11E/10A, Tract 91, Claim K (Fig. 4)

Strata	Thickness (m)	Depth (m)
Overburden	9.8	9.8
Mudstone, grey, thickly laminated	3.3	13.1

Mudstone, dark grey to black	13.6	26.7
Sandstone, light grey	2.2	28.7
Siltstone, light grey	1.4	30.1
Mudstone and siltstone, dark grey to black and light grey	5.2	35.3
Siltstone, light grey to white	5.0	40.3
Mudstone, black, fossils, coaly shale	2.4	42.7
Siltstone, grey, interbedded black mudstone	2.1	44.8
Siltstone, light grey	2.1	46.9
Sandstone, light grey	1.9	48.8
Mudstone, dark grey	0.6	49.4
Sandstone, light grey	0.5	49.9
Mudstone, dark grey with interbedded siltstone	0.8	50.7
Siltstone, light grey	0.6	51.3
Mudstone, black	2.1	53.4
Sandstone, light grey	1.8	55.2
Sandstone, light grey	0.9	56.1
Sandstone, light grey	4.7	60.8
Mudstone, black, hard	0.1	60.9
Coal seam, coal, coaly shale and mudstone, interbedded	1.0	61.9
Mudstone, grey, dark grey to black	38.4	100.3
Sandstone, light grey	14.6	114.9
Conglomerate, grey pebble clasts	6.3	121.2
Conglomerate and sandstone, red, interbedded	26.0	147.2

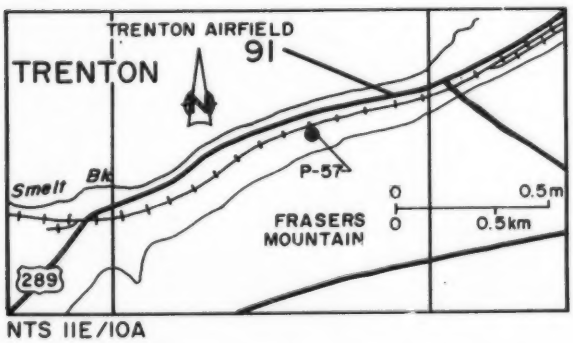

Figure 4. Frasers Mountain, Pictou County.

LEWIS ROAD, PICTOU COUNTY

Drilling on the Lewis Road site near Chance Harbour, Pictou County, began March 1, 1986 and was completed on June 20, 1986. The project geologist was Mr. R. Naylor of the Energy Resources Division of NSDME.

NSDME Record No. 7703

Borehole No.: P-58
Drilling Objective: Geological and coal studies of the Pictou coalfields
Location: NTS map sheet 11E/10D, Tract 44, Claim D (Fig. 5)

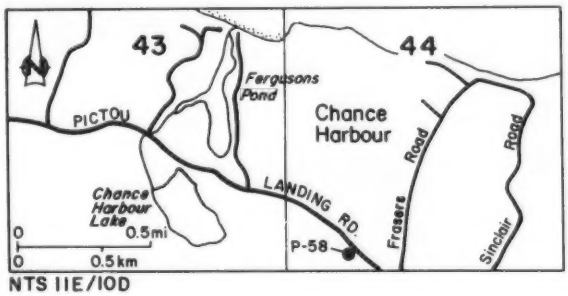

Figure 5. Lewis Road Pictou County.

Strata	Thickness (m)	Depth (m)
Overburden	5.8	5.8
Sandstone	6.1	11.9
Sandstone and shale	12.8	24.7
Sandstone and mudstone, red	5.5	30.2
Sandstone, grey with minor interbedded conglomerate zones	59.7	89.9
Sandstone and mudstone, red with minor green-grey zones	26.5	116.4
Mudstone and sandstone, grey	8.5	124.9
Sandstone, scattered zones of coal fragments	28.1	153.0
Sandstone	16.2	169.2
Sandstone and mudstone, grey and red	38.0	207.2

Coal seam	30.7	207.9
Sandstone and mudstone, grey and red	66.7	274.6
Coal seam	20.3	274.9
Sandstone and mudstone, grey and red	27.5	302.4
Sandstone and conglomerate, grey	45.7	348.1
Sandstone, interbedded conglomerate zones	23.4	371.5
Mudstone, coaly shale zone at 378.2 m	10.1	378.2
Sandstone, interbedded conglomerate zones	7.8	389.4
Coal seam	10.2	389.6
Sandstone, interbedded conglomerate zones	12.7	402.3
Mudstone and siltstone, green-grey and red-brown	34.2	436.5
Sandstone and mudstone, grey and red	8.5	445.0
Coaly shale	0.3	445.3
Mudstone and sandstone	3.1	448.4
Limestone and mudstone, Munro oil shale zone	6.4	454.8
Mudstone	9.1	463.9
Conglomerate, minor interbedded siltstone and sandstone	173.1	637.9
Siltstone and mudstone, minor interbedded	34.8	672.7
Sandstone and conglomerate	34.7	707.4
Conglomerate, minor interbedded siltstone and sandstone	10.1	717.5
Conglomerate and mudstone, interbedded	79.5	797.0
Mudstone and sandstone, interbedded with minor conglomerate zones	48.8	845.8

THE FALLS, COLCHESTER COUNTY

Drilling at The Falls site near Baileys Brook on the South Tatamagouche Road was carried out between April 28 and September 17, 1986. The project geologist was Mr. R. J. Ryan of the Mineral Resources Division of NSDME. NSDME Open File Report 86-062 elaborates on this drillhole.

NSDME Record No. 7704

Borehole No.: TF 86-1
Drilling Objective: Base metal and geological investigations.
Location: NTS map sheet 11E/11C, Tract 24, Claim J (Fig. 6)

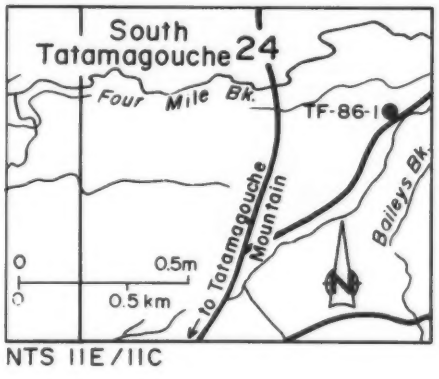

Figure 6. The Falls, Colchester County.

Strata	Thickness (m)	Depth (m)
Overburden	17.0	17.0
Pictou Group - interbedded channel and overbank clastic sedimentary rocks; channels are composed of mud-chip conglomerate, arkosic sandstone, sublitharenites to sub-arkose, and sublitharenite; overbanks are composed of mudstone and silt-	129.5	146.5

stone, both of which contain worm burrows and root casts		
Pictou Group - conglomerate, red-brown, cobble to pebble clasts of metasediment, quartzite and granitoids	1.5	148.0
Pictou Group - interbedded channel and overbank clastic sedimentary rocks; similar to the first intersection but contains fault zones with slicken siding and fracture zones	192.0	340.0
Pictou Group or - Millsville Conglomerate - interbedded conglomerate, sandstone and siltstone; sandstone and siltstone beds are 1-2 m thick; conglomerate beds are 1-12 m thick	42.0	382.0
Falls Formation or Millsville Formation conglomerate; cobble to pebble clasts of granitoids, rhyolite, basalt, sandstone, limestone in a red arkosic sandstone matrix	3.5	785.5

LAKE CHARLOTTE, HALIFAX COUNTY

Drilling at the Beech Hill site, near Lake Charlotte, Halifax County, began on September 19, 1986, and was completed on October 24, 1986. The drillhole was inclined at 45° on an azimuth of 330°.

This hole was drilled as part of the Canada-Nova Scotia Mineral Development Agreement (CNSMDA). The site geologist was Mr. M. Graves, Cuesta Research Limited, under contract to the Geological Survey of Canada.

An extensive open file report will be released at a later date. Inquiries may be directed to Dr. P. Giles, Director of the Mineral Resources Division of NSDME.

NSDME Record No. 7705 (Driller's Log)

Borehole No.: LKCH 86-1
Drilling Objective: Mineral deposit and geological studies.
Location: NTS map sheet 11D/15B, Tract 16, Claim J (Fig. 7)

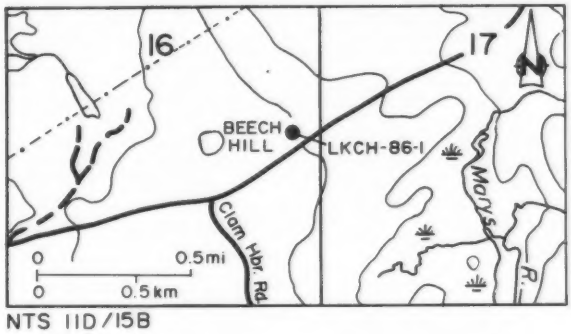

Figure 7. Lake Charlotte, Halifax County.

Strata	Thickness (m)	Depth (m)
Overburden	7.9	7.9
Slate, black	26.5	34.4
Slate and quartz, water overflow at 35.9 m	18.3	52.7
Slate and quartz	12.2	64.9
Slate, black	9.1	74.0
Slate, black	18.3	92.3
Slate, grey	21.4	113.7
Slate, grey	21.3	135.0
Slate, grey	18.3	153.3
Slate, black and grey	6.1	159.4
Slate, black and grey	6.1	165.5
Slate, black	1.8	167.3
Slate, grey	10.4	177.7
Slate, grey	8.3	196.0
Slate, grey	18.3	214.3
Slate, grey	15.2	229.5
Slate and limestone grey	18.3	247.8
Slate and limestone, grey	15.2	263.0
Slate and limestone, grey	12.2	275.2

SINCLAIR LAKE, GUYSBOROUGH COUNTY

Drilling at Sinclair Lake, Guysborough County, began on November 3, 1986, and was completed on January 2, 1987. The drillhole was inclined at 60° on an azimuth of 340°. The project geologist was Mr. C. Miller of the Mineral Development Division, NSDME. Due to the completion date of this drillhole the geologist's log was unavailable and the data is from the driller's log.

NSDME Record No. 7706 (Driller's Log)

Borehole No.: SL 86-1
Drilling Objective: Geological studies of gold formations
Location: NTS map sheet 11E/01A, Tract 72, Claim E (Fig. 8)

Strata	Thickness (m)	Depth (m)
Overburden	4.3	4.3
Sandstone	2.1	6.4
Greywacke, grey, hard	34.4	40.8
Greywacke, hard, bands of clay	12.2	53.0
Greywacke, grey, small quartz bands	12.2	65.2
Greywacke, grey	46.6	101.8
Greywacke, slate grey	9.1	110.9
Greywacke, bands of quartz	15.3	132.3
Quartz and slate, grey	48.7	181.0
Greywacke, slate grey	18.3	199.3
Greywacke, slate grey	85.4	284.7
Slate, grey	36.5	321.2
Slate, grey, blocky ground	30.5	351.7
Slate, grey	24.4	376.1
Greywacke and slate	12.2	388.3
Greywacke and slate, hard ground	9.1	397.4
Greywacke, grey	21.4	418.8
Greywacke and slate	36.6	455.4

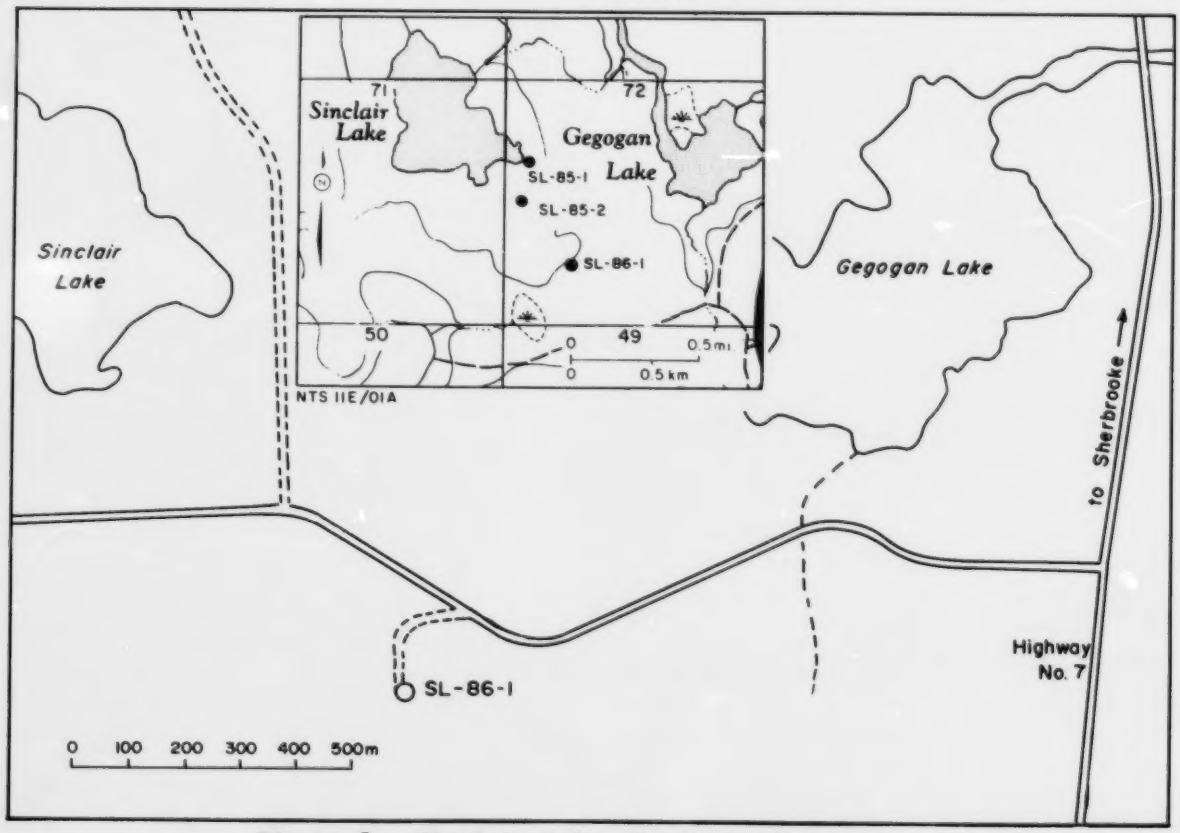

Figure 8. Sinclair Lake, Guysborough County.

HARDWOOD HILL, PICTOU COUNTY

Drilling was carried out at Hardwood Hill, Pictou County, from November 12-24, 1986. A total of 3 holes were drilled. The project geologist was Mr. G. Dickie of the Mineral Development Division of NSDME. NSDME OFR 87-005 elaborates on this site investigation.

Also, a proposed NSDME open file report entitled "Nova Scotia Sandstones" will elaborate on this and other sites investigated for the Building Stone Project.

NSDME Record No. 7707

Borehole No.: McK 86-1
Drilling Objective: To determine potential building stone and fill material resources
Location: NTS map sheet 11E/10C, Tract 29, Claim J (Fig. 9)

Strata	Thickness (m)	Depth (m)
Sandstone, medium brown	6.6	6.6
Breccia, medium grey lag, sand matrix	2.2	8.8
Sandstone, grey to grey-brown	11.5	20.3
Breccia, medium grey lag	0.4	20.7
Mudstone, green-grey to red to mottled	3.5	24.2
Sandstone, grey-brown to red-brown	6.4	30.6

NSDME Record No. 7708

Borehole No.: McK 86-2
Drilling Objective: To determine potential building stone and fill material resources
Location: NTS map sheet 11E/10C, Tract 29, Claim J (Fig. 9)

Strata	Thickness (m)	Depth (m)
Overburden	0.6	0.6
Sandstone, medium brown	4.9	5.5
Sandstone, light grey to grey brown	3.0	8.5
Channel breccia	1.4	9.9
Sandstone, grey-brown	1.4	11.3
Sandstone, brown	3.7	15.0
Channel breccia	0.3	15.3
Sandstone, mixed brown and grey	2.2	17.5
Coal with pyrite	0.1	17.6
Sandstone, grey-brown, pebbly	0.5	18.1
Mudstone, dark blue-grey	0.6	18.7
Sandstone, grey-brown	2.6	21.3
Channel breccia	0.3	21.6
Sandstone, dark brown	1.3	22.9
Sandstone, grey-brown	5.4	28.3
Mudstone, dark brown	2.2	30.5

NSDME Record No. 7709

Borehole No.: McK 86-3
Drilling Objective: To determine potential building stone and fill material resources
Location: NTS map sheet 11E/10C, Tract 29, Claim J (Fig. 9)

Strata	Thickness (m)	Depth (m)
Overburden	0.6	0.6
Sandstone, light tan to grey-tan	10.0	10.6
Channel breccia with blue-grey mudstone	0.3	10.9
Sandstone, light grey-tan	1.4	12.3
Channel breccia	0.7	13.0
Sandstone, light grey-tan	1.3	14.3
Channel breccia, sandstone matrix	0.5	14.8
Sandstone, grey-tan to brownish tan	7.1	21.9
Channel breccia	0.4	22.3
Sandstone, grey-tan	2.7	25.0
Mudstone, medium grey	1.1	26.1
Sandstone, light grey-tan	2.7	28.8
Channel breccia with mudstone fragments	0.8	29.6
Sandstone, grey-tan, channel breccia	0.9	30.5

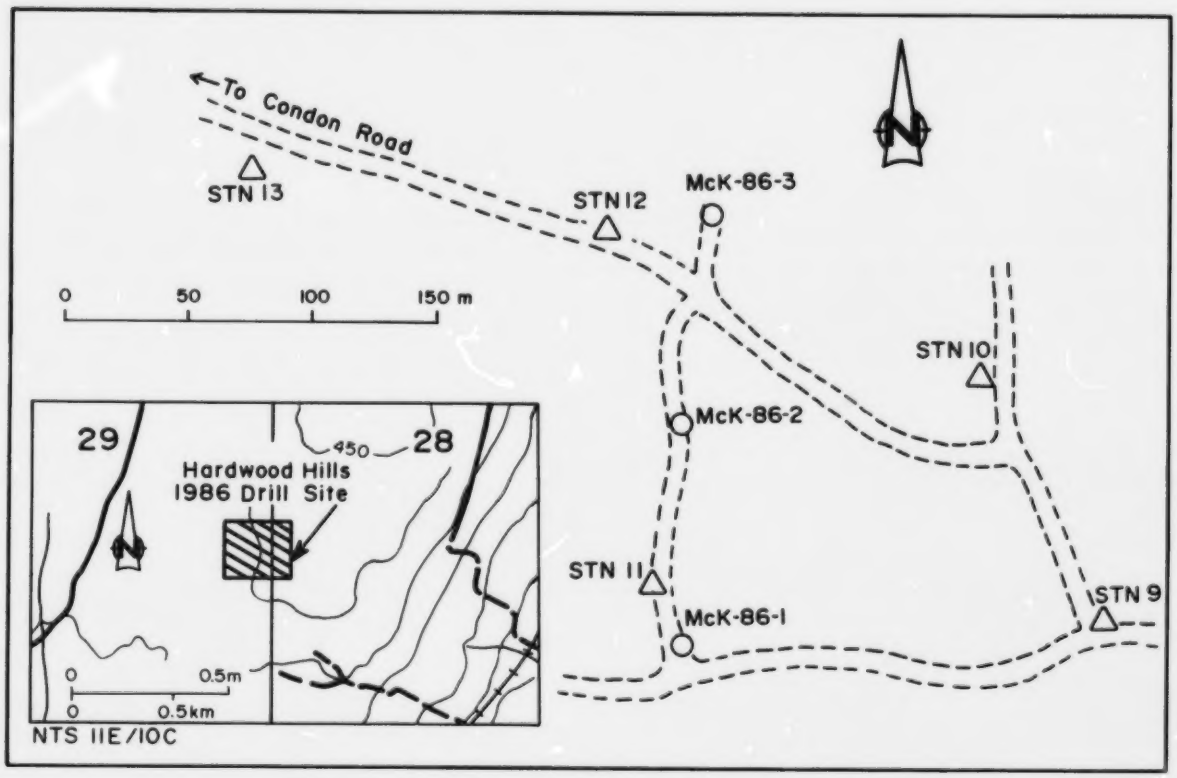

Figure 9. Hardwood Hill, Pictou County.

SAWMILL BROOK, PICTOU COUNTY

Drilling was carried out at Sawmill Brook, Pictou County, between March 6 and July 28, 1986. A total of 6 drillholes were drilled. The project geologist was Mr. G. Dickie of the Mineral Development Division of NSDME.

There are plans to release, at a later date, an NSDME open file report entitled "Nova Scotia Sandstones" by G. Dickie. This report will elaborate on this site and other sites investigated for the Building Stone Project.

NSDME Record No. 7710

Borehole No.: SMB 86-1
Drilling Objective: To determine potential building stone resources in the area of the old quarry near the Rankin Road
Location: NTS map sheet 11E/10C, Tract 27, Claim P (Fig. 10)

Strata	Thickness (m)	Depth (m)
Overburden	3.5	3.5
Sandstone, olive green to grey	2.0	5.5
Mudstone breccia, grey	0.6	6.1
Clay, red-brown	1.4	7.5
Mudstone, red-brown	0.3	7.8
Mudstone, red-brown	0.7	8.5
Sandstone, red-grey	0.3	8.8
Mudstone, red-brown	3.4	12.2
Sandstone, brownish grey	1.2	13.4
Mudstone, red-brown	0.9	14.3
Sandstone, red-brown	5.2	19.5
Sandstone, red-brown	1.5	21.0
Breccia, grey	0.2	21.2
Sandstone, grey to brownish grey	0.4	21.6
Breccia, light grey, shaly	0.2	21.8
Siltstone, red-brown	3.2	25.0
Sandstone, medium grey	2.1	27.1
Shale and siltstone, grey, mixed breccia	0.9	28.0

mudstone, red-brown	6.4	34.4
Mudstone, red-brown	4.3	38.7
Mudstone, red-grey	2.4	41.1
Mudstone, red-brown	6.7	47.8

NSDME Record No. 7711

Borehole No.: SMB 86-2
Drilling Objective: To determine potential building stone resources in the area of the old quarry near the Rankin Road
Location: NTS map sheet 11E/10C, Tract 27, Claim P (Fig. 10)

Strata	Thickness (m)	Depth (m)
Overburden	5.2	5.2
Mudstone, red-brown	2.1	7.3
Siltstone, red-brown	1.5	8.8
Mudstone/shale, red-brown	1.8	10.6
Siltstone and sandstone, red-brown	2.9	13.5
Siltstone, red-brown and greyish brown	4.1	17.6
Mudstone, mottled dark grey and green	0.4	18.0
Siltstone, brownish grey	0.9	18.9
Siltstone, red-brown	1.0	19.9
Siltstone, brownish grey to grey	5.1	25.0
Siltstone and mudstone breccia, mixed dark grey and light grey	0.7	25.7
Siltstone, light grey	0.5	26.2
Mudstone and siltstone, red-brown	8.8	35.0
Mudstone and siltstone, mixed red-brown	10.4	45.4
Siltstone, brown	2.4	47.8

NSDME Record No. 7712

Borehole No.: SMB 86-3
Drilling Objective: To determine potential building stone resources in the area of the old quarry near the Rankin Road
Location: NTS map sheet 11E/10C, Tract 27, Claim P (Fig. 10)

Strata	Thickness (m)	Depth (m)
Overburden	4.3	4.3
Siltstone, brown-red	2.1	6.4
Sandstone, brownish red	6.1	12.5
Sandstone, brownish grey	1.3	13.8
Sandstone matrix, grey mudstone fragments	0.1	13.9
Sandstone, grey-brown	0.7	14.6
Sandstone and breccia, mixed light grey	1.2	15.8
Sandstone, grey-brown	1.6	17.4
Breccia, red-brown and blue-grey	0.9	18.3
Sandstone, grey-brown	0.9	19.2
Clay and mudstone, red-brown	0.3	19.5
Mudstone, mixed red-brown	6.1	25.6
Mudstone, red-brown	0.3	25.9
Siltstone and mudstone, mixed red-brown	5.2	31.1
Sandstone, grades into brown-grey	1.2	32.3
Siltstone and mudstone, red-brown	1.8	34.1
Mudstone, red-brown	4.3	38.4
Siltstone, red-brown	0.3	38.7

NSDME Record No. 7713

Borehole No.: SMB 86-4
Drilling Objective: To determine potential building stone resources in the area of the old quarry near the Rankin Road
Location: NTS map sheet 11E/10C, Tract 27, Claim K (Fig. 10)

Strata	Thickness (m)	Depth (m)
Overburden	2.1	2.1
Sandstone, medium grey	3.7	5.8
Limy mudstone, red-brown	6.0	11.8
Siltstone and sandstone, brown	5.0	16.8
Breccia, grey	0.6	17.4
Sandstone, light to medium grey	1.5	18.9
Sandstone, light brown to pinkish	2.4	21.3
Sandstone, grey	4.6	25.9
Mudstone, red-brown	0.6	26.5

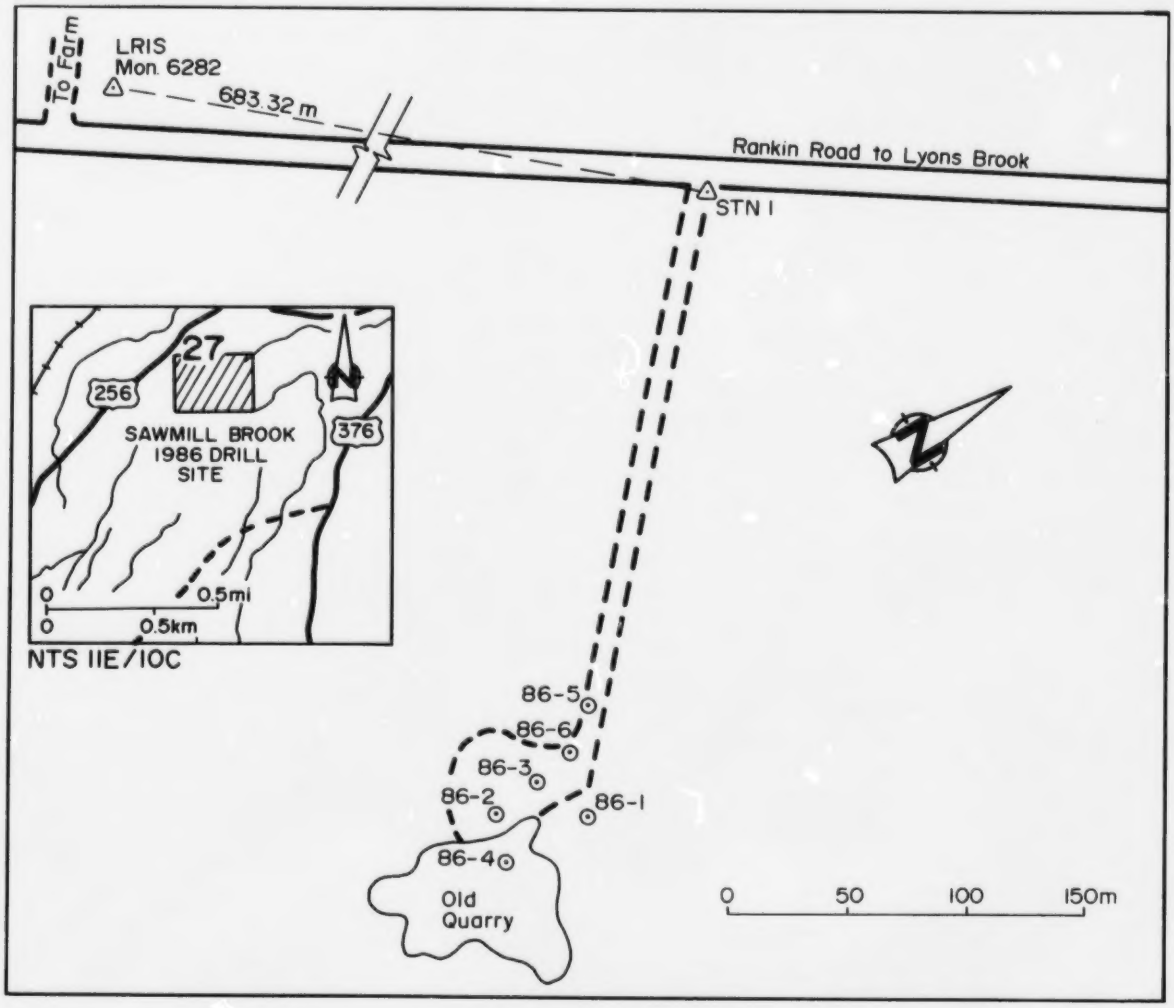

Figure 10. Sawmill Brook, Pictou County.

NSDME Record No. 7714

Borehole No.: SMB 86-5
Drilling Objective: To determine potential building stone resources
Location: NTS map sheet 11E/10C, Tract 27, Claim P (Fig. 10)

Strata	Thickness (m)	Depth (m)
Overburden	3.0	3.0
Sandstone, brown	0.3	3.3
Limy zone laminated, light grey	0.1	3.4
Sandstone, brown	2.4	5.8
Sandstone, grey-brown	1.3	7.1
Calcareous mud	0.1	7.2
Sandstone, brown	0.1	7.3
Sandstone, grey-brown and grey	3.3	10.6
Mudstones and channel breccia, limy	0.3	10.9
Siltstone and mudstone, brown	2.8	13.7

NSDME Record No. 7715

Borehole No.: SMB 86-6
Drilling Objective: To determine potential building stone resources in the area of the old quarry near the Rankin Road
Location: NTS map sheet 11E/10C, Tract 27, Claim P (Fig. 10)

Strata	Thickness (m)	Depth (m)
Overburden	4.8	4.8
Siltstone, red-brown	2.4	6.4
Sandstone, red-brown	3.3	9.7
Sandstone, red-brown and minor grey	1.2	10.9
Breccia	0.2	11.1
Sandstone, grey-brown	2.9	14.0
Sandstone, grey	3.6	17.6
Breccia, red mudstone	0.2	17.8

EIGHT MILE BROOK, PICTOU COUNTY

Drilling at Eight Mile Brook, Pictou County, was done between March 21 and August 5, 1986. Three holes were drilled originally but evaluation of the cores led to the location of an additional 4 drillholes. The project geologist was Mr. G. Dickie of the Mineral Development Division of NSDME.

There are plans to release, at a later date, an NSDME open file report entitled "Nova Scotia Sandstones" by G. Dickie. This report will elaborate on this site and other sites investigated for the Building Stone Project.

NSDME Record No. 7716

Borehole No.: EMB 86-1
Drilling Objective: To determine potential building stone resources in the area of the old Eight Mile Brook Quarry near the Graveyard Road
Location: NTS map sheet 11E/10B, Tract 55, Claim B (Fig. 11)

Strata	Thickness (m)	Depth (m)
Overburden	3.9	3.9
Sandstone, tan to brown-grey	1.6	5.5
Sandstone, tan	0.3	5.8
Limy sandstone, grey to whitish grey	0.4	6.2
Channel conglomerate, very limy, blue-grey	0.2	6.4
Mudstone and siltstone, red-brown	2.3	8.7
Sandstone, mottled grey-brown to grey	2.6	11.3
Sandstone, brown-red-grey	4.5	15.8
Mudstone and siltstone, red-brown	4.0	19.8
Sandstone, brown-grey	0.3	20.1
Siltstone, red-brown	5.5	25.6
Sandstone, red-brown	0.9	26.5
Sandstone, grey-brown	2.1	28.6
Siltstone, red-brown	2.4	31.0
Mudstone and siltstone, red-brown and grey	7.7	38.7

NSDME Record No. 7717

Borehole No.: EMB 86-2
Drilling Objective: To determine potential building stone resources in the area of the old Eight Mile Brook Quarry near the Graveyard Road
Location: NTS map sheet 11E/10B, Tract 55, Claim B (Fig. 11)

Strata	Thickness (m)	Depth (m)
Overburden	3.9	3.9
Limestone and limy sandstone, grey	3.4	7.3
Siltstone, red-brown	4.2	11.5
Sandstone, brown-red	3.8	15.7
Limestone and limestone breccia, light grey	0.3	16.0
Sandstone, red-brown	1.0	17.0
Limy mud, red-brown	0.2	17.2
Mudstone and siltstone, red-brown	3.9	21.1
Siltstone, red-brown	5.1	26.2
Sandstone, brown	4.6	30.8
Sandstone and channel breccia, blue-grey	0.3	31.1
Sandstone, brown	0.6	31.7
Mudstone, brown-grey	0.2	31.9
Sandstone, medium grey to brown	0.9	32.8
Mudstone, dark blue-grey and limestone, light grey	0.7	33.5
Mudstone, red-brown	2.1	35.6

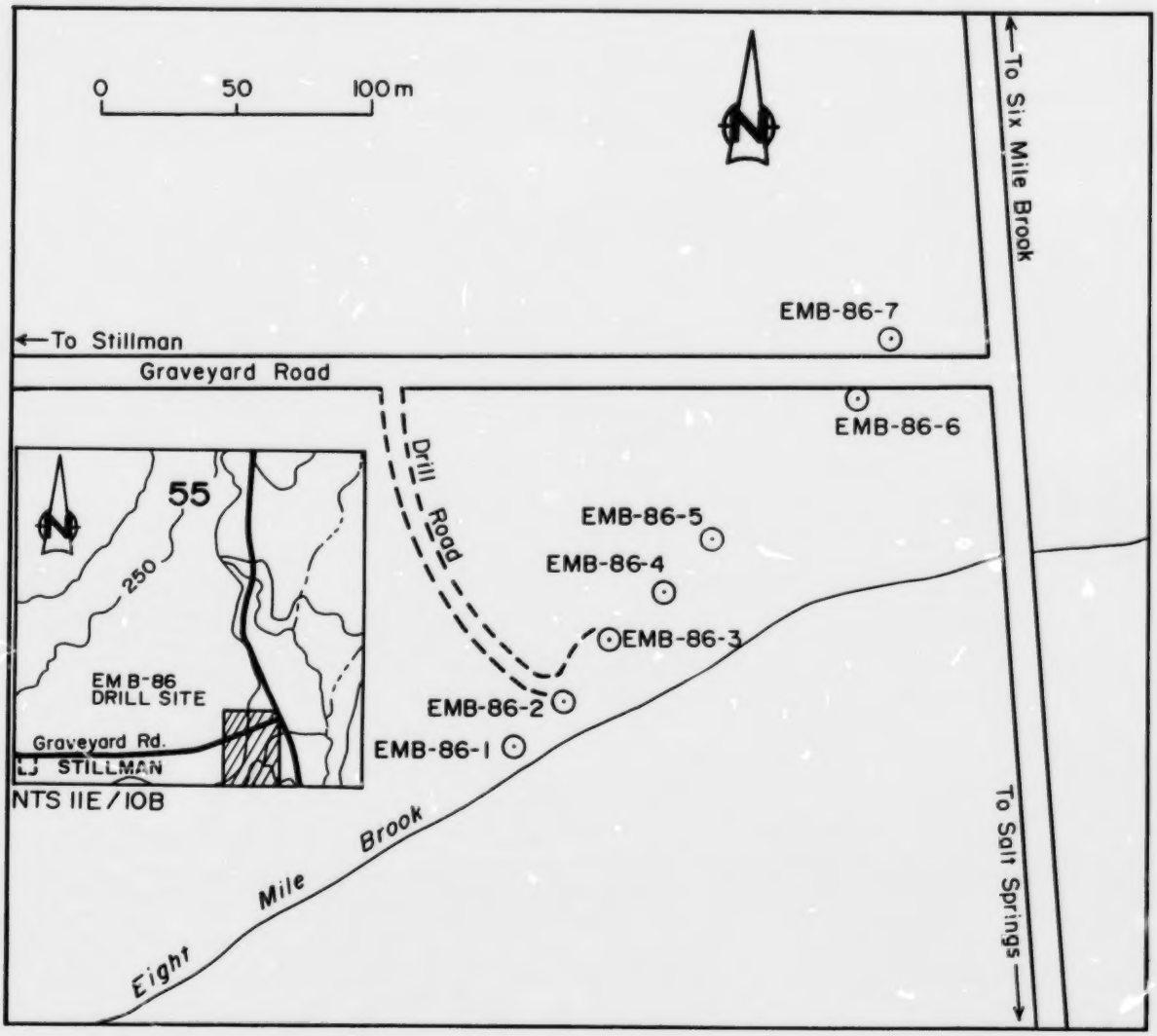

Figure 11. Eight Mile Brook, Pictou County.

NSDME Record No. 7718

Borehole No.: EMB 86-3
Drilling Objective: To determine potential building stone resources in the area of the old Eight Mile Brook Quarry near the Graveyard Road
Location: NTS map sheet 11E/10B, Tract 55, Claim B (Fig. 11)

Strata	Thickness (m)	Depth (m)
Overburden	5.2	5.2
Sandstone, grey	6.4	11.6
Limestone, light grey	0.1	11.7
Lignite and marcasite (pyrite)	0.1	11.8
Sandstone, light grey, limy	0.3	13.7
Sandstone, grey, banded	1.1	14.8
Sandstone, limy	0.1	14.9
Limestone and breccia	0.2	15.1
Mudstone and breccia, brownish grey, limy	0.4	15.5
Limestone, light grey	0.3	15.8

Sandstone, brown-grey	0.3	16.1
Sandstone, brown-grey, limy	0.1	16.2
Sandstone, brown-grey	0.7	16.9
Limestone and limy sandstone, medium grey	0.5	17.4
Sandstone, medium grey	0.2	17.6
Sandstone, dark grey, limy	0.1	17.7
Sandstone, brown-grey	0.6	18.3
Sandstone and limestone, light to medium grey, limy	0.3	18.6
Mudstone and siltstone, brownish-red, limy	1.5	20.1
Mudstone and siltstone, red-brown	0.8	21.9
Mudstone, red-brown, limy	0.3	22.2
Mudstone and siltstone, red-brown	2.8	25.0
Siltstone, red-brown, limy	0.1	25.1
Siltstone and mudstone, red to grey-brown	1.2	26.3
Limestone, red-brown	0.1	26.4
Mudstone, red-brown	1.3	27.7
Mudstone, red-brown, limy	0.1	27.8
Mudstone, red-brown	0.4	28.2
Mudstone, red-brown, limy	0.3	28.5
Mudstone, red-brown	0.3	28.8
Mudstone, red-brown, limy	0.1	28.9
Sandstone, grey-brown	1.3	30.2
Sandstone, light to medium grey, limy	0.1	30.3
Sandstone, grey-brown	0.3	30.6
Sandstone, medium grey, limy	0.5	31.1
Sandstone, grey-brown	3.8	34.9
Sandstone, light grey, limy	1.1	36.0
Mudstone and siltstone, red-brown, limy	5.7	41.7

NSDME Record No. 7719

Borehole No.: EMB 86-4
Drilling Objective: To determine potential building stone resources in the area of the old Eight Mile Brook Quarry near the Graveyard Road
Location: NTS map sheet 11E/10B, Tract 55, Claim B (Fig. 11)

Strata	Thickness (m)	Depth (m)
Overburden	4.6	4.6
Sandstone, dark brown	1.5	6.1
Mudstone, dark brown	0.3	6.4
Sandstone, medium grey	2.1	8.5
Breccia, light grey, limy	0.3	8.8
Sandstone, medium grey	4.0	12.8
Sandstone, light grey, laminations, limy	0.3	13.1
Sandstone	0.6	13.7
Sandstone, medium grey	1.5	15.2
Sandstone, medium grey, limy	0.5	15.7
Sandstone, light grey, limy	0.1	15.8
Sandstone, medium grey	4.7	20.5
Sandstone, light grey, limy	0.2	20.7
Mudstone, red-brown, limy	3.7	24.4
Siltstone, grey-brown	2.1	26.5

NSDME Record No.7720

Borehole No.: EMB 86-5
Drilling Objective: To determine potential building stone resources in the area of the old Eight Mile Brook Quarry near the Graveyard Road
Location: NTS map sheet 11E/10B, Tract 55, Claim B (Fig. 11)

Strata	Thickness (m)	Depth (m)
Overburden	4.6	4.6

Sandstone, light brown	2.7	7.3
Sandstone, medium grey-brown	1.5	8.8
Channel breccia, light grey, limy	0.6	9.4
Breccia, light grey	0.3	9.7
Sandstone, medium to light grey	1.3	11.0
Sandstone, medium grey	4.5	15.5
Sandstone, medium grey	1.3	16.8
Sandstone, medium to light grey, limy	0.2	17.0
Breccia, light grey, limy	0.2	17.2
Sandstone, medium to light grey, limy	0.2	17.4
Sandstone, light to medium grey	1.5	18.9
Mudstone and mudstone breccia, medium to blue-grey, limy	1.3	20.2
Sandstone, light to medium grey to brownish grey	2.0	22.2
Mudstone and siltstone, red-brown	4.3	26.5

NSDME Record No. 7721

Borehole No.: EMB 86-6
Drilling Objective: To determine potential building stone resources in the area of the old Eight Mile Brook Quarry near the Graveyard Road
Location: NTS map sheet 11E/10B, Tract 55, Claim B (Fig. 11)

Strata	Thickness (m)	Depth (m)
Overburden	4.6	4.6
Sandstone, light grey, calcareous	0.3	4.9
Siltstone and sandstone, red-brown	4.8	9.7
Sandstone, grey to brownish grey	4.9	14.6
Siltstone, red-brown	7.9	22.5
Siltstone and sandstone, red-brown	2.5	25.0
Sandstone, brownish grey	4.8	29.8
Mudstone and siltstone, blue	1.3	30.5
Sandstone, light grey, calcareous	2.7	33.2
Siltstone and sandstone, red-brown	2.1	35.3

NSDME Record No. 7722

Borehole No.: EMB 86-7
Drilling Objective: To determine potential building stone resources in the area of the old Eight Mile Brook Quarry near the Graveyard Road
Location: NTS map sheet 11E/10B, Tract 55, Claim B (Fig. 11)

Strata	Thickness (m)	Depth (m)
Overburden	4.9	4.9
Mudstone, red-brown to brown	0.9	5.8
Siltstone and sandstone	3.9	9.7
Sandstone, brown-grey to medium grey	7.7	17.4
Mudstone, red-brown	2.4	19.8

CARIBOU ROAD, PICTOU COUNTY

The drilling at the old McKeen Quarry near Caribou Road, Pictou County, was carried out from April 2-8, 1986. The project geologist was Mr. G. Dickie of the Mineral Development Division of NSDME.

There are plans to release, at a later date, an NSDME open file report entitled "Nova Scotia Sandstones" by G. Dickie. This report will elaborate on this site and other sites investigated for the Building Stone Project.

NSDME Record No. 7723

Borehole No.: CRP 86-1
Drilling Objective: To evaluate the potential building stone resources
Location: NTS map sheet 11E/10D, Tract 58, Claim J (Fig. 12)

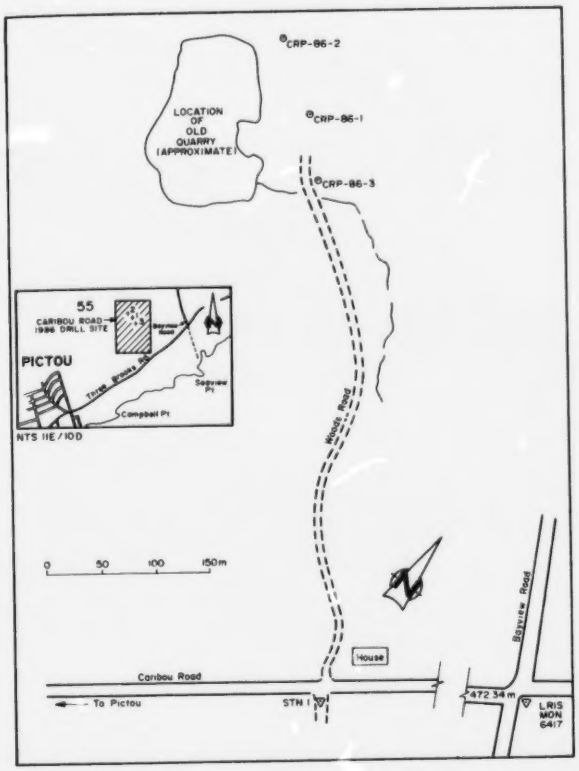

Figure 12. Caribou Road, Pictou County.

Strata	Thickness (m)	Depth (m)
Sandstone, pale tan	3.9	3.9
Sandstone, grey-tan	1.0	4.9
Sandstone, tan	0.9	5.8
Sandstone, medium grey	1.0	7.8
Sandstone, light grey	1.2	9.0
Sandstone, brownish grey	2.0	11.0
Sandstone and siltstone, light grey	0.7	11.7
Sandstone, brown-tan	0.3	12.0
Conglomerate, channel lag	0.2	12.2
Sandstone, brown-tan	0.4	12.6
Sandstone, light grey	1.4	14.0
Mudstone and siltstone, brown-red	1.5	15.5
Mudstone and siltstone, brown-red, mottled	3.4	18.9
Mudstone and siltstone, brown-red	0.6	19.5
Sandstone, medium grey	0.9	20.4
Arkose to sandstone, grey	5.5	25.9
Sandstone, grey	0.3	26.2
Arkose, medium to light grey	4.6	30.8
Arkose, channel	1.2	32.0
Sandstone, light to medium grey	3.0	35.0
Arkose, medium to light grey	2.8	37.8
Lignite, marcasite, clay	0.3	38.1
Sandstone, light to medium grey	4.9	43.0
Sandstone, medium grey	4.8	47.8

NSDME Record No. 7724

Borehole No.: CRP 86-2
Drilling Objective: To evaluate the potential building stone resources
Location: NTS map sheet 11E/10D, Tract 58, Claim Q (Fig. 12)

Strata	Thickness (m)	Depth (m)
Overburden	3.0	3.0
Arkose, olive and grey	5.8	8.8
Mudstone, red-brown to grey mottled	5.4	14.2
Siltstone, sandstone, red-brown	1.5	15.7
Sandstone, medium grey	2.6	18.3
Sandstone, olive to brownish	3.0	21.3
Sandstone, light grey	0.9	22.2
Lignite, marcasite	0.3	22.5
Arkose, olive	6.3	28.9
Sandstone, medium grey to mottled olive	3.1	32.0
Arkose, olive-brown	1.5	33.5
Arkose, medium grey	12.0	45.5
Sandstone, medium grey	0.5	46.0
Arkose, medium grey	1.8	47.8

NSDME Record No. 7725

Borehole No.: CRP 86-3
Drilling Objective: To evaluate the potential building stone resources
Location: NTS map sheet 11E/10D, Tract 58, Claim J (Fig. 12)

Strata	Thickness (m)	Depth (m)
Overburden	4.3	4.3
Sandstone, green-grey	2.9	7.2
Mudstone, light grey	0.8	8.0
Sandstone, olive green	6.3	14.3
Mudstone and siltstone, mottled red-brown to bluish-brown	7.0	21.3
Sandstone, grey-green	9.2	30.5
Sandstone matrix, blue shale clasts	0.1	30.6
Sandstone, grey	12.0	42.6
Sandstone, grey	0.7	43.3
Sandstone and conglomerate, coarse, limy	1.2	44.5
Coal, marcasite, limy mudstone and calcite	0.6	45.1
Sandstone and conglomerate, grey	2.7	47.8

AMHERST, CUMBERLAND COUNTY

Drilling near the old Red Stone Quarry in Amherst, Cumberland County, was carried out from May 5-9, 1986. The project geologist was Mr. G. Dickie of the Mineral Development Division of NSDME.

There are plans to release, at a later date, an NSDME open file report entitled "Nova Scotia Sandstones" by G. Dickie. This report will elaborate on this site and other sites investigated for the Building Stone Project.

NSDME Record No. 7726

Borehole No.: AMH 86-1
Drilling Objective: To evaluate the potential building stone resources
Location: NTS map sheet 21H/16A, Tract 82, Claim A (Fig. 13)

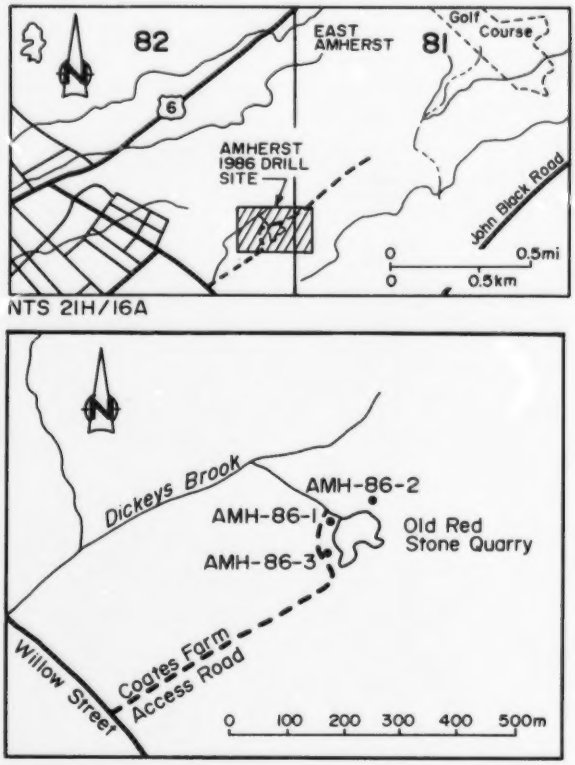

Figure 13. Amherst, Cumberland County.

Strata	Thickness (m)	Depth (m)
Overburden	4.2	4.2
Sandstone, pinkish red	17.7	21.9
Siltstone and mudstone, red	4.6	26.5
Siltstone and mudstone, red to red-brown, limy	2.4	28.9
Siltstone, red	1.6	30.5
Siltstone, pinkish red	3.2	33.7
Sandstone, pinkish red	9.9	43.6
Siltstone and mudstone, red	4.2	47.8

NSDME Record No. 7727

Borehole No.: AMH 86-2
Drilling Objective: To evaluate the potential building stone resources
Location: NTS map sheet 21H/16A, Tract 82, Claim H (Fig. 13)

Strata	Thickness (m)	Depth (m)
Overburden	3.5	3.6
Sandstone, pinkish red	19.2	22.8
Siltstone, red-brown	4.0	26.8
Mudstone and siltstone, red-brown	3.4	30.2
Siltstone, red-brown	2.4	32.6

NSDME Record No. 7728

Borehole No.: AMH 86-3
Drilling Objective: To evaluate the potential building stone resources
Location: NTS map sheet 21H/16A, Tract 82, Claim H (Fig. 13)

Strata	Thickness (m)	Depth (m)
Overburden	3.6	3.6
Sandstone, pinkish red	14.8	18.4
Mudstone and siltstone, mixed red-brown	11.6	31.0
Sandstone, pinkish red	1.6	32.6

WALLACE, CUMBERLAND COUNTY

Drilling at the Wallace Quarry, Cumberland County, was begun on October 6 and completed on October 28, 1986. A total of 8 holes were drilled. The project geologist was Mr. G. Dickie of the Mineral Development Division of NSDME.

There are plans to release, at a later date, an NSDME open file report entitled "Nova Scotia Sandstones" by G. Dickie. This report will elaborate on this site and other sites investigated for the Building Stone Project.

NSDME Record No. 7729

Borehole No.: WAL 86-1
Drilling Objective: To evaluate the potential building stone resources
Location: NTS map sheet 11E/14B, Tract 59, Claim B (Fig. 14)

Strata	Thickness (m)	Depth (m)
Overburden	5.2	5.2
Sandstone, green	0.3	5.5
Lost core	1.8	7.3
Sandstone, green, blue-grey	0.6	7.9
Sandstone, blue-grey	1.1	9.0
Channel breccia, blue-grey, whitish grey	0.3	9.5
Sandstone, light to medium grey	0.7	10.2
Sandstone, light grey	0.4	10.6
Mudstone and siltstone, blue-grey	3.1	13.7
Sandstone, brownish green	0.3	14.0
Sandstone, greenish brown	1.0	15.0
Sandstone, blue-grey	1.1	16.1
Channel breccia, light grey	0.7	16.8
Sandstone, light and medium grey	3.2	20.1
Sandstone, medium grey	0.2	21.3
Sandstone, olive green	0.3	21.6
Sandstone, medium grey	5.2	26.8
Channel breccia, light to medium grey	0.7	27.5
Sandstone, light to medium grey	1.5	29.0
Sandstone, light to medium grey	3.3	32.3
Channel breccia, light grey	0.9	33.2
Sandstone, light grey	0.3	33.5
Channel breccia, light grey	0.5	34.0
Sandstone, light to medium grey	1.6	35.6
Sandstone, light to medium grey	1.3	36.9
Channel breccia	0.3	37.2

NSDME Record No. 7730 (Driller's Log)

Borehole No.: WAL 86-2
Drilling Objective: To evaluate the potential building stone resources
Location: NTS map sheet 11E/14B, Tract 59, Claim B (Fig. 14)

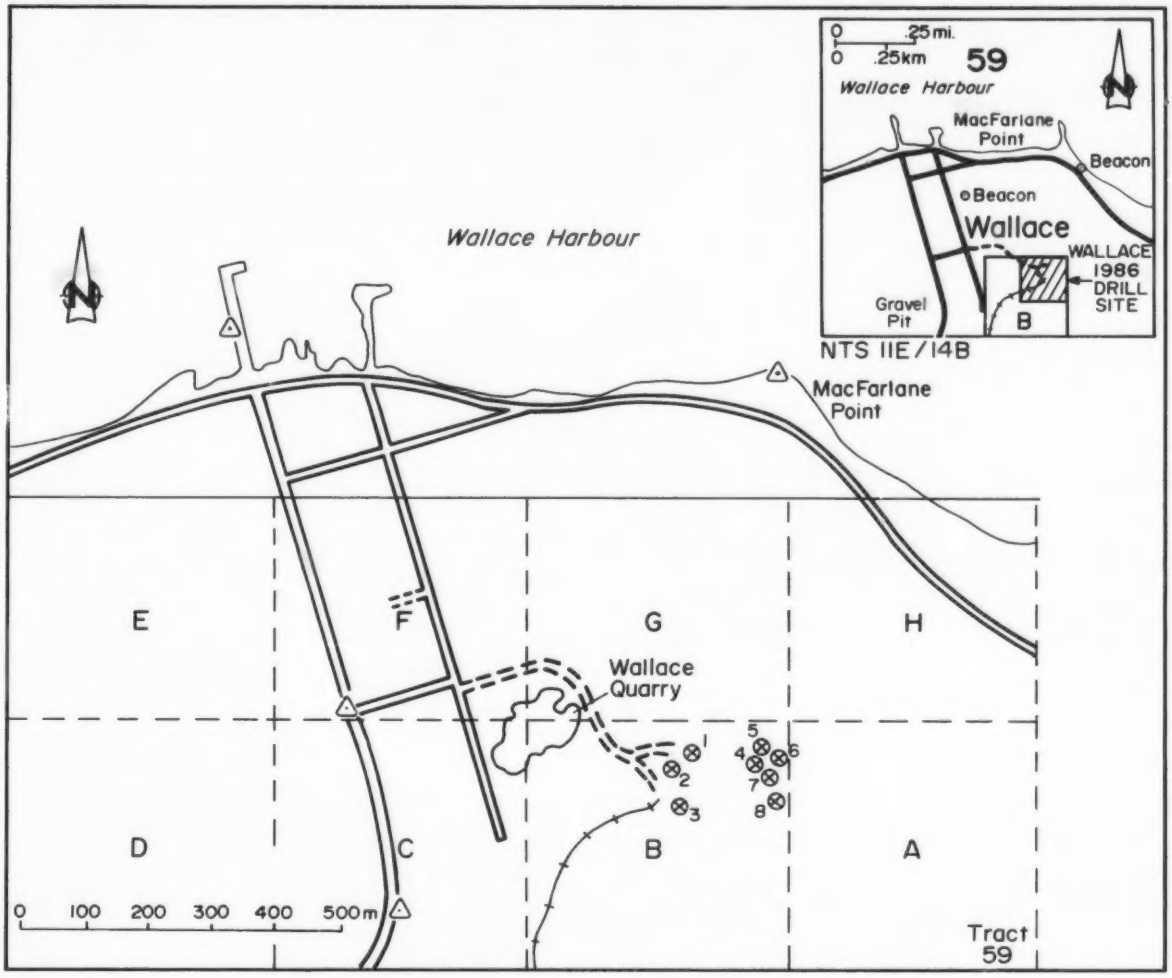

Figure 14. Wallace, Cumberland County.

Strata	Thickness (m)	Depth (m)
Overburden	3.0	3.0
Sandstone, grey	8.2	11.2
Sandstone and shale, grey	18.3	29.5
Sandstone boulders in a mud matrix, mixed green and brown	13.7	13.7
Sandstone, grey-green	1.2	14.9
Mudstone/siltstone, blue-grey, shaly	1.2	16.1
Sandstone, olive green	3.4	19.5
Channel breccia, grey	0.3	19.8
Siltstone, light to medium grey	0.9	20.7

NSDME Record No. 7731

Borehole No.: WAL 86-3
Drilling Objective: To evaluate the potential building stone resources
Location: NTS map sheet 11E/14B, Tract 59, Claim B (Fig. 14)

Sandstone, olive green to medium grey	2.4	23.1
Channel breccia, light grey to white	0.1	23.2
Sandstone, light grey	0.3	23.5
Channel breccia, light grey	0.4	23.9
Channel breccia, light grey	0.3	24.2
Sandstone, medium to light grey	0.2	24.4
Siltstone/mudstone, medium grey	2.1	26.5
Siltstone/mudstone, medium grey	1.5	28.0
Breccia/sandstone/ siltstone, light grey and blue-grey	1.0	29.0
Sandstone, light to medium grey	3.6	32.6

NSDME Record No. 7732

Borehole No.: WAL 86-4
Drilling Objective: To evaluate the potential building stone resources
Location: NTS map sheet 11E/14B, Tract 59, Claim B (Fig. 14)

Strata	Thickness (m)	Depth (m)
Sandstone boulders and clay till	7.6	7.6
Mudstone, blue-grey	1.2	8.8
Siltstone, blue-grey	1.6	10.4
Sandstone, blue-grey to light grey	1.2	11.6
Sandstone, olive-green	2.1	13.7
Sandstone, blue-grey	0.9	14.6
Sandstone, olive	4.0	18.6
Sandstone, light olive-green	1.2	19.8
Channel breccia	0.3	20.1
Sandstone, medium to light grey	0.3	20.4
Sandstone, light grey	0.3	20.7
Coal with pyrite	0.1	20.8
Sandstone, light to medium grey	0.5	21.3
Channel breccia, light grey	0.3	21.6
Sandstone, medium grey	0.6	22.2
Channel breccia	0.3	22.5
Sandstone, olive-green	0.2	22.7
Mudstone, blue-grey	0.2	22.9
Sandstone, light to medium grey	3.3	26.2
Channel breccia	0.3	26.5
Channel breccia	0.3	26.8
Mudstone, blue-grey	0.3	27.1
Mudstone and siltstone, blue-grey	0.5	28.6
Sandstone, olive-green	2.2	30.8
Sandstone, blue-grey	3.6	34.4
Sandstone, blue-grey	0.9	35.3
Sandstone, blue-grey	3.4	38.7
Sandstone, blue-grey	3.0	41.7
Sandstone, blue-grey	1.1	44.8
Sandstone, blue-grey	0.1	44.9
Sandstone, olive	0.5	45.4
Sandstone, blue-grey	2.4	47.8

NSDME Record No. 7733

Borehole No.: WAL 86-5
Drilling Objective: To evaluate the potential building stone resources
Location: NTS map sheet 11E/14B, Tract 59, Claim B (Fig. 14)

Strata	Thickness (m)	Depth (m)
Overburden	4.1	4.1
Sandstone, brown	0.8	4.9
Sandstone, blue-grey	1.2	6.1
Siltstone and mudstone, blue-grey	4.9	11.0
Sandstone, blue-grey	0.6	11.6
Sandstone, olive green	2.7	14.3
Sandstone, olive green	3.1	17.4
Sandstone, blue-grey	1.6	19.0
Coal horizon	0.1	19.1
Sandstone, blue-grey	0.7	19.8
Channel breccia	0.5	20.3
Sandstone, light grey	2.3	22.6
Siltstone, blue-grey	0.9	23.5
Sandstone, light blue-grey	2.4	25.9
Sandstone, light grey	1.5	27.4
Channel breccia	0.9	28.3
Sandstone, green	1.2	29.5
Sandstone, green	0.7	30.2

Sandstone, blue-grey	7.0	37.2
Sandstone, light blue-grey	3.9	41.1
Sandstone, light grey	0.6	41.7
Sandstone, medium grey	0.6	42.3
Sandstone, brownish grey to blue-grey	2.2	44.5
Sandstone, medium blue-grey	7.3	51.8
Sandstone, medium blue-grey	2.7	54.5
Sandstone, blue-grey	1.5	56.0
Channel breccia	1.3	57.3
Sandstone, light grey	0.3	57.6
Mudstone, blue-grey	0.3	57.9
Sandstone, medium to dark blue-grey	1.5	59.4
Channel breccia	0.3	59.7
Sandstone and siltstone, mixed light and medium blue-grey	6.7	66.4
Sandstone and siltstone, blue-grey	0.6	67.0
Sandstone, medium blue-grey	4.3	71.3
Siltstone, blue-grey	0.9	72.2
Channel breccia, grey	1.2	73.4
Sandstone, light grey	0.4	73.8
Sandstone, medium grey	0.6	74.4
Sandstone, medium grey	0.9	75.3
Breccia	0.3	75.6
Siltstone, blue-grey	0.3	75.9
Siltstone and sandstone, blue-grey	2.4	78.3

NSDME Record No. 7734

Borehole No.: WAL 86-6
Drilling Objective: To evaluate the potential building stone resources
Location: NTS map sheet 11E/14B, Tract 59, Claim B (Fig. 14)

Strata	Thickness (m)	Depth (m)
Overburden	4.3	4.3
Sandstone, medium to light grey	0.6	4.9
Siltstone and mudstone, blue-grey	7.3	12.2
Sandstone, olive-green	8.8	21.0
Sandstone, blue-grey to grey	6.1	27.1
Channel breccia	0.9	28.0
Sandstone, blue-grey to grey	13.4	41.4
Sandstone, grey	2.5	43.9
Sandstone, grey	10.0	53.9

NSDME Record No. 7735

Borehole No.: WAL 86-7
Drilling Objective: To evaluate the potential building stone resources
Location: NTS map sheet 11E/14B, Tract 59, Claim B (Fig. 14)

Strata	Thickness (m)	Depth (m)
Overburden, brown sandstone float	5.2	5.2
Sandstone, light grey	0.6	5.8
Mudstone and siltstone, blue-grey	6.1	11.9
Sandstone, olive to buff	9.7	21.6
Channel breccia	1.2	22.8
Sandstone, olive	1.2	24.0
Siltstone and mudstone, blue-grey	5.0	29.0
Sandstone, blue-grey and minor olive green	10.9	39.9
Siltstone, blue-grey	0.9	40.8
Sandstone, blue-grey to grey	2.8	43.6
Siltstone and mudstone, blue-grey	2.1	45.7
Sandstone, grey to blue-grey	8.2	53.9

NSDME Record No. 7736

Borehole No.: WAL 86-8
Drilling Objective: To evaluate the potential building stone resources
Location: NTS map sheet 11E/14B, Tract 59, Claim B (Fig. 14)

Strata	Thickness (m)	Depth (m)
Overburden	6.7	6.7
Sandstone, olive	1.5	8.2
Siltstone, blue-grey	3.5	11.7

Sandstone, olive	4.9	16.8
Sandstone, blue	6.4	23.2
Channel breccia, grey	0.2	23.4
Sandstone, blue-grey	1.4	24.8
Channel breccia	0.6	25.4
Sandstone, blue-grey	1.7	27.1
Channel Breccia	0.9	28.0
Sandstone, olive-green	0.9	28.9
Sandstone, grey	0.5	29.4
Sandstone, olive	0.5	29.9
Sandstone, blue-grey to grey	17.3	47.2
Channel breccia, medium grey	0.3	47.5
Sandstone, medium grey	6.1	53.6

JUDIQUE, INVERNESS COUNTY

Drilling near Judique on the Graham River, Inverness County was carried out on May 15 and 16, 1986. The project geologist was Mr. G. Dickie of the Mineral Development Division of NSDME.

There are plans to release, at a later date, an NSDME open file report entitled "Nova Scotia Sandstones" by G. Dickie, which will elaborate on this site and other sites investigated for the Building Stone Project.

NSDME Record No. 7737

Borehole No.: J 86-1
Drilling Objective: To evaluate the potential building stone resources
Location: NTS map sheet 11F/14B, Tract 106, Claim D (Fig. 15)

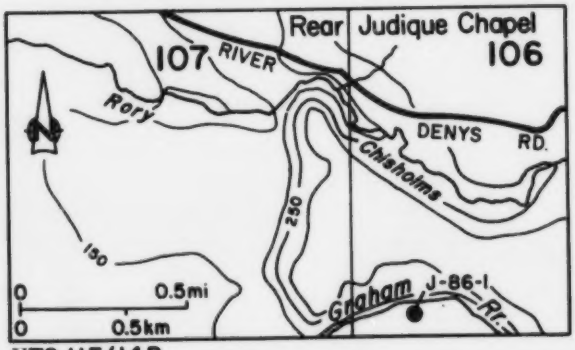

Figure 15. Judique, Inverness County.

Strata	Thickness (m)	Depth (m)
Shale	13.4	13.4

SALMON RIVER (YAVA MINE), CAPE BRETON

Drilling at the former Yava Mine site in Cape Breton County was carried out between May 20 and November 4, 1986. Upon completion of 12 holes, 6 sites were selected for re-drilling and designated "A" series. These sites were located next to drillholes of the previous drilling program and were drilled to facilitate geophysical logging by the Geological Survey of Canada.

The project geologist was Dr. J. M. Patterson of the Mineral Resources Division of NSDME. An open file report concerning this project is proposed to be released in the near future. Assay values for samples from these drillholes are contained in Appendix IV of this report.

NSDME Record No. 7738

Borehole No.: YAVA 86-401
Drilling Objective: To delineate the extent of the lead mineralization west of the known mine workings
Location: NTS map sheet 11F/16B, Tract 88, Claim H (Fig. 16)

Strata	Thickness (m)	Depth (m)
Overburden	6.7	6.7
Sandstone, grey, pyrite	3.6	10.3
Conglomerate, limestone pebble	0.8	11.1
Sandstone, grey, disseminated and banded PbS	5.5	19.9
Sandstone and shales, green-grey and maroon	21.3	41.2
Shale and gypsum, black	2.7	43.9
Shales	5.0	48.9
Breccia, rhyolite clasts	8.1	57.0
Rhyolite, massive	2.4	59.4

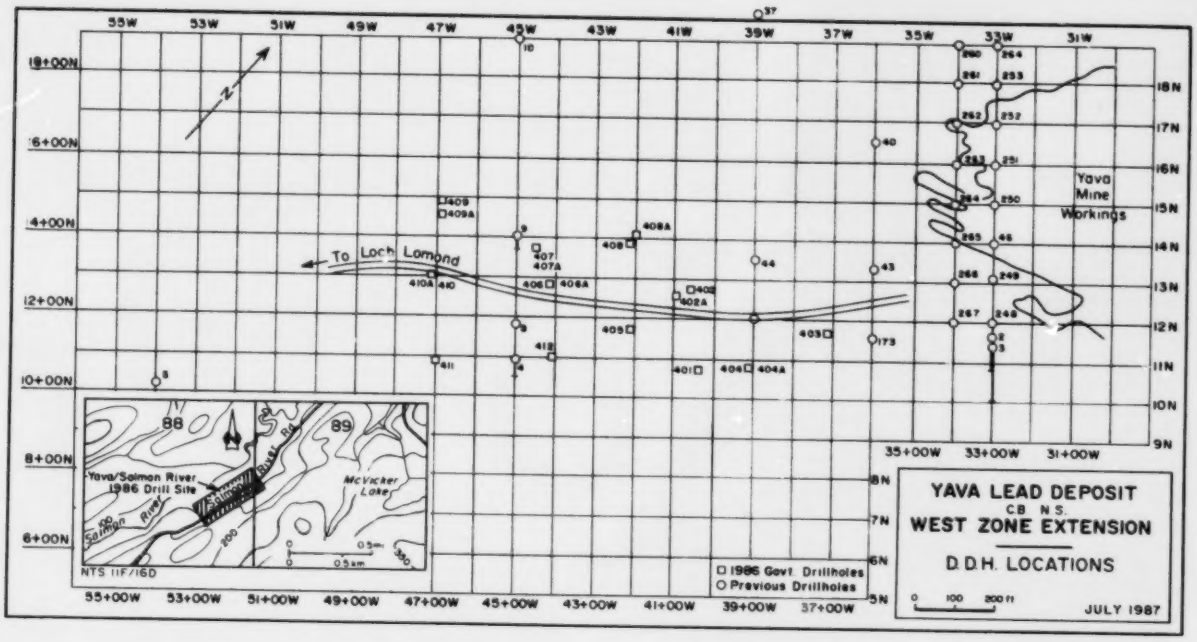

Figure 16. Salmon River, Cape Breton County.

NSDME Record No. 7739

Borehole No.: YAVA 86-402
Drilling Objective: To delineate the extent of the lead mineralization west of the known mine workings
Location: NTS map sheet 11F/16B, Tract 88, Claim J (Fig. 16)

Strata	Thickness (m)	Depth (m)
Overburden	6.0	6.0
Shale, black	3.4	9.4
Shale and sandstone, disseminated galena	1.0	10.4
Sandstone, grey, disseminated and banded galena	3.0	13.4
Conglomerate, limestone pebbles, galena	0.9	14.3
Mudstone and sandstone, green	1.8	16.1
Shales, maroon, black and green	15.1	31.2
Shales and gypsum	8.0	39.2
Shales, maroon and black	9.1	48.3
Breccia, rhyolite clasts	8.7	57.0

NSDME Record No. 7740

Borehole No.: YAVA-86-403
Drilling Objective: To delineate the extent of the lead mineralization west of the known mine workings
Location: NTS map sheet 11F/16B, Tract 89, Claim E (Fig. 16)

Strata	Thickness (m)	Depth (m)
Overburden	4.3	4.3
Sandstone, grey disseminated and banded PbS, trace ZnS	9.3	13.6
Conglomerate and shale, limestone pebbles	1.3	14.9
Shales and mudstone, maroon and grey	21.2	36.1
Mudstone and gypsum	8.4	44.5
Shales, black and maroon	9.9	54.4
Breccia, rhyolite clasts	8.7	63.1

NSDME Record No. 7741

Borehole No.: YAVA 86-404
Drilling Objective: To delineate the extent of the lead mineralization west of the known mine workings
Location: NTS map sheet 11F/16B, Tract 88, Claim H (Fig. 16)

Strata	Thickness (m)	Depth (m)
Overburden	5.5	5.5
Sandstone, grey, disseminated and banded PbS	6.3	11.8
Shale, black	1.0	12.8
Sandstone, grey, blebby PbS	2.3	15.1
Sandstone, grey, bedded pyrite	2.8	17.9
Shales, black and purple	16.2	34.1
Shale and gypsum	7.9	42.0
Shale and sandstone	8.7	50.7
Breccia, rhyolite clasts	9.3	60.0

NSDME Record No. 7742

Borehole No.: YAVA 86-405
Drilling Objective: To delineate the extent of the lead mineralization west of the known mine workings
Location: NTS map sheet 11F/16B, Tract 88, Claim H (Fig. 16)

Strata	Thickness (m)	Depth (m)
Overburden	6.2	6.2
Sandstone, grey, pyrite and PbS	5.4	11.6
Shale, black	1.2	12.8
Sandstone, grey, disseminated PbS	4.0	16.8
Shale and sandstone	1.7	18.5
Shales, green and black	22.9	41.4
Breccia, rhyolite clasts	1.6	43.0
Rhyolite, pink	4.8	47.8

NSDME Record No. 7743

Borehole No.: YAVA 86-406
Drilling Objective: To delineate the extent of the lead mineralization west of the known mine workings
Location: NTS map sheet 11F/16B, Tract 88, Claim H (Fig. 16)

Strata	Thickness (m)	Depth (m)
Overburden	4.9	4.9
Sandstone, disseminated PbS and pyrite	5.9	10.8
Conglomerate, limestone pebble in sandstone matrix, disseminated PbS and ZnS	4.0	14.8
Shales, maroon, green and black	2.0	16.8
Sandstone	1.2	18.0
Shale, maroon, green and black	4.2	22.2
Limestone	0.6	22.8
Shales, maroon, green and black	14.8	37.6
Breccia, rhyolite clasts	0.8	38.4
Rhyolite, pink	6.4	44.8

NSDME Record No. 7744

Borehole No.: YAVA 86-407
Drilling Objective: To delineate the extent of the lead mineralization west of the known mine workings
Location: NTS map sheet 11F/16B, Tract 88, Claim H (Fig. 16)

Strata	Thickness (m)	Depth (m)
Overburden	4.6	4.6
Sandstone, green-grey, disseminated pyrite	3.4	8.0
Conglomerate, limestone pebbles, pyrite blebs	1.8	9.8
Sandstone, cross-bedded	1.5	11.3
Shales, maroon and green	1.5	12.8
Sandstone, cross-bedded	0.9	13.7
Shales, maroon and green	6.9	20.6

Breccia, rhyolite clasts	4.2	24.8
Rhyolite, pink	4.7	29.5

NSDME Record No. 7745

Borehole No.: YAVA 86-408
Drilling Objective: To delineate the extent of the lead mineralization west of the known mine workings
Location: NTS map sheet 11F/16B, Tract 88, Claim J (Fig. 16)

Strata	Thickness (m)	Depth (m)
Overburden	6.4	6.4
Sandstone, grey, disseminated and banded PbS and ZnS	14.8	21.2
Shales and mudstone, green and maroon	4.4	25.6
Limestone	2.7	28.3
Shales and mudstone, green and maroon	17.2	45.5
Breccia, rhyolite clasts, strong PbS rhylolite	4.5	50.0

NSDME Record No. 7746

Borehole No.: YAVA 86-409
Drilling Objective: To delineate the extent of the lead mineralization west of the known mine workings
Location: NTS map sheet 11F/16B, Tract 88, Claim G (Fig. 16)

Strata	Thickness (m)	Depth (m)
Overburden	9.8	9.8
Sandstone, grey-green, disseminated PbS and pyrite	11.6	21.4
Shales and sandstone, maroon and green	6.9	28.3
Breccia, rhyolite clasts	8.0	36.3
Rhyolite, brick red	1.8	38.1

NSDME Record No. 7747

Borehole No.: YAVA 86-410
Drilling Objective: To delineate the extent of the lead mineralization west of the known mine workings
Location: NTS map sheet 11F/16B, Tract 88, Claim G (Fig. 16)

Strata	Thickness (m)	Depth (m)
Overburden	7.6	7.6
Sandstone, grey disseminated PbS and pyrite	3.4	11.0
Conglomerate, limestone pebble, disseminated PbS and ZnS	4.3	15.3
Conglomerate and sandstone, interbedded	2.5	17.8
Shales, green, purple and black, fault gouge at top	9.3	27.1
Core recovery 20%, rhyolite block	3.1	30.2
Shales, purple, green and black	5.7	35.9
Breccia, rhyolite clasts	0.9	36.8
Rhyolite	4.9	41.7

NSDME Record No. 7748

Borehole No.: YAVA 86-411
Drilling Objective: To delineate the extent of the lead mineralization west of the known mine workings
Location: NTS map sheet 11F/16B, Tract 88, Claim G (Fig. 16)

Strata	Thickness (m)	Depth (m)
Overburden	8.0	8.0
Sandstone, light grey disseminated PbS and pyrite	2.5	10.5
Conglomerate, limestone pebble, disseminated PbS and pyrite	0.8	11.3
Shales and mudstone, maroon and black	16.1	27.4

Breccia, rhyolite clasts	0.6	28.0
Rhyolite	2.8	30.8

NSDME Record No. 7749

Borehole No.: YAVA 86-412
Drilling Objective: To delineate the extent of the lead mineralization west of the known mine workings
Location: NTS map sheet 11F/16B, Tract 88, Claim H (Fig. 16)

Strata	Thickness (m)	Depth (m)
Overburden	7.7	7.7
Sandstone, disseminated and banded PbS	5.1	12.8
Conglomerate, limestone pebble matrix contains disseminated PbS	0.8	13.6
Shales and mudstone, green, maroon and black	25.2	38.8
Breccia, milled rhyolite in mudstone	1.7	40.5
Breccia, rhyolite clasts	8.5	49.0
Rhyolite	3.7	52.7

NSDME Record No. 7750 (Driller's Log)

Borehole No.: YAVA 86-402A
Drilling Objective: To delineate the extent of the lead mineralization west of the known mine workings
Location: NTS map sheet 11F/16B, Tract 88, Claim J (Fig. 16)

Strata	Thickness (m)	Depth (m)
Overburden, sand and boulders	5.2	5.2
Sandstone and shale, grey	14.9	20.1
Shales, red and grey	36.6	56.7
Rhyolite, red	1.8	58.5

NSDME Record No. 7751 (Driller's Log)

Borehole No.: YAVA 86-404A
Drilling Objective: To delineate the extent of the lead mineralization west of the known mine workings
Location: NTS map sheet 11F/16B, Tract 88, Claim H (Fig. 16)

Strata	Thickness (m)	Depth (m)
Overburden, clay, sand and boulders	5.5	5.5
Sandstone, grey	8.5	14.0
Shales, grey and red	38.7	52.7
Rhyolite, red	4.0	56.7

NSDME Record No. 7752 (Driller's Log)

Borehole No.: YAVA 86-406A
Drilling Objective: To delineate the extent of the lead mineralization west of the known mine workings
Location: NTS map sheet 11F/16B, Tract 88, Claim H (Fig. 16)

Strata	Thickness (m)	Depth (m)
Overburden, sand and boulders	4.6	4.6
Sandstone, grey	9.4	14.0
Shale and rhyolite	28.0	42.0

NSDME Record No. 7753 (Driller's Log)

Borehole No.: YAVA 86-407A
Drilling Objective: To delineate the extent of the lead mineralization west of the known mine workings
Location: NTS map sheet 11F/16B, Tract 88, Claim J (Fig. 16)

Strata	Thickness (m)	Depth (m)
Overburden, sand and boulders	6.1	6.1
Sandstone, grey	6.7	12.8
Sandstone and shale, grey	8.8	21.6
Shales, red and grey	14.2	35.4
Shales, grey	12.1	47.5
Rhyolite, red	1.5	49.0

NSDME Record No. 7754 (Driller's Log)

Borehole No.: YAVA 86-409A

Drilling Objective: To delineate the extent of the lead mineralization west of the known mine workings
Location: NTS map sheet 11F/16B, Tract 88, Claim G (Fig. 16)

Strata	Thickness (m)	Depth (m)
Overburden, sand and boulders	10.4	10.4
Sandstone and shale, grey	11.2	21.6
Shale, grey	4.9	26.5
Breccia, rhyolite clasts	9.4	35.9
Rhyolite, red	3.1	39.0

NSDME Record No. 7755 (Driller's Log)

Borehole No.: YAVA 86-410A
Drilling Objective: To delineate the extent of the lead mineralization west of the known mine workings
Location: NTS map sheet 11F/16B, Tract 88, Claim G (Fig. 16)

Strata	Thickness (m)	Depth (m)
Overburden, sand and boulders	7.9	7.9
Sandstone, grey	2.7	10.6
Conglomerate, grey	3.4	14.0
Shales, grey	13.4	27.4
Rhyolite, red	4.0	31.4
Shales, grey	5.5	36.9
Rhyolite, red	2.1	39.0

MEADOWS ROAD, CAPE BRETON COUNTY

Drilling was carried out in the Meadows Road area, Cape Breton County, from July 10 to September 11, 1986. A total of 8 holes were drilled. The project geologist was Mr. G. Adams of the Mineral Development Division of NSDME.

NSDME Record No. 7756

Borehole No.: MR 86-1
Drilling Objective: To study the Carboniferous formations and in particular the gypsum strata
Location: NTS map sheet 11K/01B, Tract 1, Claim O (Fig. 17)

Strata	Thickness (m)	Depth (m)
Overburden	38.7	38.7
Siltstone, medium to dark reddish brown	14.5	53.2
Gypsum, white, massive	6.6	59.8
Hemihydrate, light grey, very fine grained, dense	0.2	60.0
Gypsum, white, massive hemi-hydrate	0.3	62.9
Gypsum, white, massive	0.9	63.8
Hemihydrate, white, massive	0.2	64.0
Gypsum, white massive	0.3	64.3
Hemihydrate, white, massive	0.2	64.5
Gypsum, white, massive, vuggy	0.8	65.3
Hemihydrate, white, massive	0.3	65.6
Gypsum, white, massive	10.6	76.2
1.5 m core missing		
Limestone, medium to dark grey, massive to rubbly	5.2	81.4
Lost core	3.0	84.4
Sandstone and conglom-erate, medium to light grey grades to red	2.1	86.5
Siltstone, dark reddish brown	5.9	92.4
Siltstone, light greyish green	1.3	93.7
Siltstone, dark reddish brown	6.4	100.1
Gypsum, white to light grey, massive	12.3	112.4
Limestone, light brown to dark grey	11.6	124.0
Siltstone, medium reddish brown	1.3	125.3

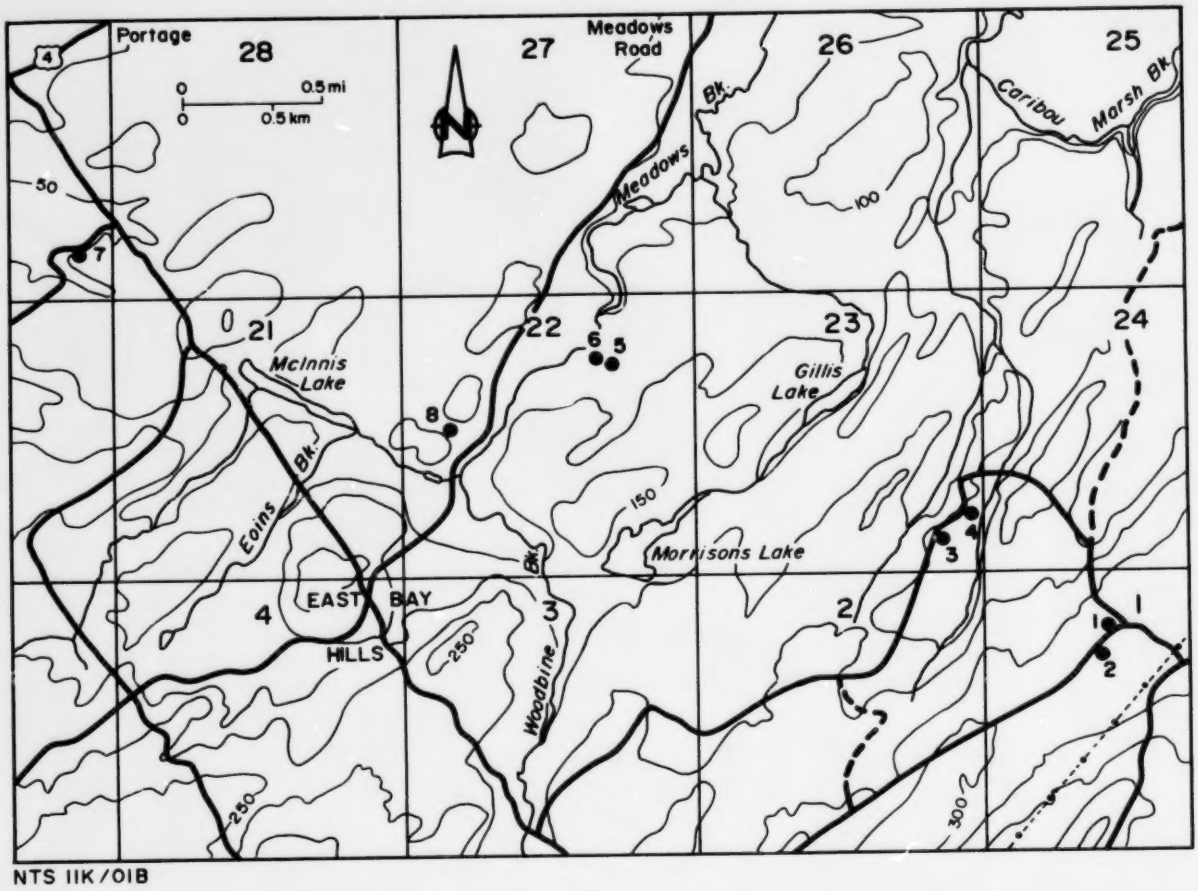

Figure 17. Meadows Road, Cape Breton County.

NSDME Record No. 7757

Borehole No.: MR 86-2
Drilling Objective: To study the Carboniferous formations and in particular the gypsum strata
Location: NTS map sheet 11K/01B, Tract 1, Claim L (Fig. 17)

Strata	Thickness (m)	Depth (m)
Overburden	41.7	41.7
Siltstone, dark reddish brown	16.7	58.4
Limestone, medium to dark grey, 1.5 m core missing	5.0	63.4
Conglomerate and sandstone, light grey to red, 1.5 m core missing	5.8	69.2
Siltstone, dark reddish brown	12.5	81.7
Gypsum and limestone, white to light grey	10.7	92.4
Limestone, light brown to dark grey, poor core recovery	14.9	107.3
Siltstone and conglomerate, reddish-brown, poor core recovery	4.5	111.8

NSDME Record No. 7758

Borehole No.: MR 86-3
Drilling Objective: To study the Carboniferous formations and in particular the gypsum strata
Location: NTS map sheet 11K/01B, Tract 23, Claim A (Fig. 17)

Strata	Thickness (m)	Depth (m)
Overburden	18.9	18.9
Solution cavity, blocks of limestone and gypsum in red clay	9.4	28.3
Siltstone, medium, to dark reddish brown	26.5	54.8
Gypsum, light grey to orange	1.1	55.9
Anhydrite, light blue, massive	7.2	63.1
Limestone, light brown and grey	0.6	63.7
Anhydrite, light blue	2.7	66.4
Limestone, light brown	0.1	66.5
Sandstone and conglomerate, light grey to reddish brown	17.9	84.4

NSDME Record No. 7759

Borehole No.: MR 86-4
Drilling Objective: To study the Carboniferous formations and in particular the gypsum strata
Location: NTS map sheet 11K/01B, Tract 23, Claim A (Fig. 17)

Strata	Thickness (m)	Depth (m)
Overburden	17.4	17.4
Limestone, light brown to light grey, core missing	11.9	29.3
Gypsum, white, massive to nodular	5.1	34.4
Siltstone, light grey-green to dark reddish	3.2	37.6
Anhydrite, light blue, 25% gypsum	7.9	45.5
Sandstone, medium reddish brown	23.0	68.5
Siltstone, dark reddish brown mottled green	3.6	72.1
Anhydrite, light blue, massive	8.1	80.2
Limestone, light grey	0.6	80.8
Anhydrite, light blue, massive	2.6	83.4
Limestone, light olive grey	0.4	83.7
Sandstone and conglomerate grey-green	6.8	90.5

NSDME Record No. 7760

Borehole No.: MR 86-5
Drilling Objective: To study the Carboniferous formations and in particular the gypsum strata
Location: NTS map sheet 11K/01B, Tract 22, Claim P (Fig. 17)

Strata	Thickness (m)	Depth (m)
Overburden and clay-filled karst topography, abandoned hole	38.7	38.7

NSDME Record No. 7761

Borehole No.: MR 86-6
Drilling Objective: To study the Carboniferous formations and in particular the gypsum strata
Location: NTS map sheet 11K/01B, Tract 22, Claim P (Fig. 17)

Strata	Thickness (m)	Depth (m)
Overburden and solution cavity, abandoned hole	44.8	44.8

NSDME Record No. 7762

Borehole No.: MR 86-7
Drilling Objective: To study the Carboniferous formations and in particular the gypsum strata
Location: NTS map sheet 11K/01B, Tract 29, Claim A (Fig. 17)

Strata	Thickness (m)	Depth (m)
Overburden	15.7	15.7
Gypsum and limestone, light grey to white	13.2	22.9
Anhydrite, light blue, massive	16.8	39.7
Anhydrite and dolomite, intercalated beds, light blue and dark grey	4.8	44.5
Limestone, light grey to brownish grey	3.1	47.6
Gypsum, white	0.5	48.1
Mudstone and anhydrite, intercalated grey and light blue	1.7	49.8
Mudstone and siltstone, dark reddish brown	1.6	51.4
Anhydrite breccia	0.6	52.0
Mudstone, dark red to grey-green	2.0	54.0
Mudstone, dolomite, anhydrite, medium to dark grey	0.7	54.7
Mudstone, reddish brown anhydrite breccia	0.5	56.3
Anhydrite breccia anhydrite, light blue, massive	23.5	79.6
Shale, dark grey	5.2	84.4

NSDME Record No. 7763

Borehole No.: MR 86-8
Drilling Objective: To study the Carboniferous formations and in particular the gypsum strata
Location: NTS map sheet 11K/01B, Tract 22, Claim M (Fig. 17)

Strata	Thickness (m)	Depth (m)
Overburden	10.1	10.1
Limestone, dark grey	1.2	11.3
Gypsum, white massive to nodular mosaic, core missing	12.2	23.5
Siltstone, dark reddish brown	3.0	26.5
Siltstone, dark reddish brown 28% core recovery	6.1	32.6
Gypsum, white, massive to nodular, 72% core recovery	3.4	41.8
Cavity, 10% core recovery	9.2	57.0
Siltstone, dark reddish brown, 62% core recovery	4.7	61.7
Siltstone, dark reddish brown	4.6	66.3
Siltstone and shale, dark reddish brown	1.1	67.4

APPENDIX I

RECORD OF DRILLHOLES

BY RECORD NUMBER

Record No.	Date	Object of Boring	Location	Depth (m)	Angle	Azimuth
7700	1986	Mineral Deposit Studies	Dean and Chapter Lake, Lunenburg County	451.72	75°	140°
7701	1986	Geological Structure, Potash and Salt	Riverside Corner, Hants County	1057.60		
7702	1986	Rock Characteristics and Coal	Frasers Mountain, Pictou County	147.20		
7703	1986	Rock Characteristics and Coal	Lewis Road, Pictou County	845.70		
7704	1986	Geological Structure and Base Metals	The Falls, Colchester County	785.50		
7705	1986	Mineral Deposit Studies	Lake Charlotte, Halifax County	275.23		
7706	1986	Gold	Sinclair Lake, Guysborough County	455.37	60°	340°
7707	1986	Building Stone Project	Hardwood Hill, Pictou County	30.48		
7708	1986	Building Stone Project	Hardwood Hill, Pictou County	30.48		
7709	1986	Building Stone Project	Hardwood Hill, Pictou County	30.48		
7710	1986	Building Stone Project	Sawmill/Lyons Brook, Pictou County	47.85		
7711	1986	Building Stone Project	Sawmill/Lyons Brook, Pictou County	47.85		
7712	1986	Building Stone Project	Sawmill/Lyons Brook, Pictou County	38.98		
7713	1986	Building Stone Project	Sawmill/Lyons Brook, Pictou County	26.51		
7714	1986	Building Stone Project	Sawmill/Lyons Brook, Pictou County	13.71		
7715	1986	Building Stone Project	Sawmill/Lyons Brook, Pictou County	17.83		
7716	1986	Building Stone Project	Eight Mile Brook, Pictou County	38.71		
7717	1986	Building Stone Project	Eight Mile Brook, Pictou County	35.66		
7718	1986	Building Stone Project	Eight Mile Brook, Pictou County	41.75		
7719	1986	Building Stone Project	Eight Mile Brook, Pictou County	26.52		
7720	1986	Building Stone Project	Eight Mile Brook, Pictou County	26.52		
7721	1986	Building Stone Project	Eight Mile Brook, Pictou County	35.35		
7722	1986	Building Stone Project	Eight Mile Brook, Pictou County	19.81		
7723	1986	Building Stone Project	Caribou Road, Pictou County	47.85		
7724	1986	Building Stone Project	Caribou Road, Pictou County	47.85		
7725	1986	Building Stone Project	Caribou Road, Pictou County	47.85		
7726	1986	Building Stone Project	Amherst, Cumberland County	47.85		
7727	1986	Building Stone Project	Amherst, Cumberland County	32.61		
7728	1986	Building Stone Project	Amherst, Cumberland County	32.61		
7729	1986	Building Stone Project	Wallace, Cumberland County	37.18		
7730	1986	Building Stone Project	Wallace, Cumberland County	29.56		
7731	1986	Building Stone Project	Wallace, Cumberland County	32.61		
7732	1986	Building Stone Project	Wallace, Cumberland County	47.85		
7733	1986	Building Stone Project	Wallace, Cumberland County	78.33		

Record No.	Date	Object of Boring	Location	Depth (m)	Angle	Azimuth
7734	1986	Building Stone Project	Wallace, Cumberland County	53.95		
7735	1986	Building Stone Project	Wallace, Cumberland County	53.95		
7736	1986	Building Stone Project	Wallace, Cumberland County	53.95		
7737	1986	Building Stone Project	Judique, Inverness County	13.41		
7738	1986	Mineral Deposit Studies	Yava/Salmon River, Cape Breton County	59.43		
7739	1986	Mineral Deposit Studies	Yava/Salmon River, Cape Breton County	56.99		
7740	1986	Mineral Deposit Studies	Yava/Salmon River, Cape Breton County	63.09		
7741	1986	Mineral Deposit Studies	Yava/Salmon River, Cape Breton County	60.04		
7742	1986	Mineral Deposit Studies	Yava/Salmon River, Cape Breton County	47.85		
7743	1986	Mineral Deposit Studies	Yava/Salmon River, Cape Breton County	44.80		
7744	1986	Mineral Deposit Studies	Yava/Salmon River, Cape Breton County	29.56		
7745	1986	Mineral Deposit Studies	Yava/Salmon River, Cape Breton County	49.98		
7746	1986	Mineral Deposit Studies	Yava/Salmon River, Cape Breton County	38.10		
7747	1986	Mineral Deposit Studies	Yava/Salmon River, Cape Breton County	41.75		
7748	1986	Mineral Deposit Studies	Yava/Salmon River, Cape Breton County	30.78		
7749	1986	Mineral Deposit Studies	Yava/Salmon River, Cape Breton County	52.73		
7750	1986	Mineral Deposit Studies	Yava/Salmon River, Cape Breton County	58.52		
7751	1986	Mineral Deposit Studies	Yava/Salmon River, Cape Breton County	47.55		
7752	1986	Mineral Deposit Studies	Yava/Salmon River, Cape Breton County	42.06		
7753	1986	Mineral Deposit Studies	Yava/Salmon River, Cape Breton County	49.07		
7754	1986	Mineral Deposit Studies	Yava/Salmon River, Cape Breton County	39.01		
7755	1986	Mineral Deposit Studies	Yava/Salmon River, Cape Breton County	39.01		
7756	1986	Geological Information, Gypsum	Meadows Road, Cape Breton County	125.27		
7757	1986	Geological Information, Gypsum	Meadows Road, Cape Breton County	111.86		
7758	1986	Geological Information, Gypsum	Meadows Road, Cape Breton County	84.43		
7759	1986	Geological Information, Gypsum	Meadows Road, Cape Breton County	90.52		
7760	1986	Geological Information, Gypsum	Meadows Road, Cape Breton County	38.71		
7761	1986	Geological Information, Gypsum	Meadows Road, Cape Breton County	44.80		
7762	1986	Geological Information, Gypsum	Meadows Road, Cape Breton County	84.43		
7763	1986	Geological Information, Gypsum	Meadows Road, Cape Breton County	67.36		

APPENDIX II

RECORD OF DRILLHOLES

BY CLAIM MAP

RECORD OF DRILLHOLES BY CLAIM MAP

CLAIM MAP 11D/15B

Location of Drillhole(s): Lake Charlotte, Halifax County
Drilling Objective: Mineral deposit studies
Borehole Designation: LKCH 86-1
Geologist: Dr. P. Giles (?)
Tract(s): (16)
Claim(s): (J) Record Number(s) 7705

CLAIM MAP 11E/01A

Location of Drillhole(s): Sinclair Lake, Guysborough County
Drilling Objective: Gold studies
Borehole Designation: SL 86-1
Geologist: C. Miller
Tract(s): 72
Claim(s): E Record Number(s) 7706

CLAIM MAP 11E/04C

Location of Drillhole(s): Riverside Corner, Hants County
Drilling Objective: Salt and potash studies
Borehole Designation: RC 85-1
Geologist: D. Carter
Tract(s): 2
Claim(s): H Record Number(s) 7701

CLAIM MAP 11E/10A

Location of Drillhole(s): Frasers Mountain, Pictou County
Drilling Objective: Coal studies
Borehole Designation: P-57
Geologist: K. Gillis
Tract(s): 91
Claim(s): K Record Number(s) 7702

CLAIM MAP 11E/10B

Location of Drillhole(s): Eight Mile Brook, Pictou County
Drilling Objective: Building Stone Project
Borehole Designation: EMB 86-1 to EMB 86-7
Geologist: G. Dickie

Tract(s):	55		
	55		
	55		
	55		
	55		
Claim(s):	B	Record Number(s)	7716
	B		7717
	B		7718
	B		7719
	B		7720
	B		7721
	B		7722

CLAIM MAP 11E/10C

Location of Drillhole(s): Sawmill Brook, Pictou County
Drilling Objective: Building Stone Project
Borehole Designation: SMB 86-1 to SMB 86-6
Geologist: G. Dickie

Tract(s):	27		
	27		
	27		
	27		
	27		
	27		
Claim(s):	P	Record Number(s)	7710
	P		7711
	P		7712
	K		7713
	P		7714
	P		7715
	B		7722

CLAIM MAP 11E/10C

Location of Drillhole(s): Hardwood Hill, Pictou County
Drilling Objective: Building Stone Project
Borehole Designation: McK 86-1 to McK 86-3
Geologist: G. Dickie

Tract(s):	29		
	29		
	29		
Claim(s):	J	Record Number(s)	7707
	J		7708
	J		7709

CLAIM MAP 11E/10D

Location of Drillhole(s): Lewis Road, Pictou County

Drilling Objective: Coal studies
Borehole Designation: P-58
Geologist: R. Naylor
Tract(s): 44
Claim(s): D Record Number(s) 7703

CLAIM MAP 11E/10D

Location of Drillhole(s): Caribou Road, Pictou County
Drilling Objective: Building Stone Project
Borehole Designation: CRP 86-1 to CRP 86-3
Geologist: G. Dickie
Tract(s): 58
58
58
Claim(s): J Record Number(s) 7723
Q 7724
J 7725

CLAIM MAP 11E/11C

Location of Drillhole(s): The Falls, Colchester County
Drilling Objective: Base Metals
Borehole Designation: TF 86-1
Geologist: R. J. Ryan
Tract(s): 24
Claim(s): J Record Number(s) 7704

CLAIM MAP 11E/14B

Location of Drillhole(s): Wallace, Cumberland County
Drilling Objective: Building Stone Project
Borehole Designation: WAL 86-1 to WAL 86-8
Geologist: G. Dickie
Tract(s): 59
59
59
59
59
59
59
59
Claim(s): B Record Number(s) 7729
B 7730
B 7731
B 7732
B 7733
B 7734
B 7735
B 7736

CLAIM MAP 11F/14B

Location of Drillhole(s): Judique, Inverness County
Drilling Objective: Building Stone Project
Borehole Designation: J 86-1
Geologist: G. Dickie
Claim(s): D Record Number(s) 7737

CLAIM MAP 11F/16B

Location of Drillhole(s): Salmon River, Cape Breton County
Drilling Objective: Lead deposit studies
Borehole Designation: YAVA 86-401 to YAVA 86-412 and "A" Series
Geologist: Dr. J. Patterson
Tract(s): 88
88
89
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88
Claim(s): H Record Number(s) 7738
J 7739
E 7740
H 7741
H 7742
H 7743
H 7744
J 7745
G 7746
G 7747
G 7748
H 7749
J 7750
H 7751
H 7752
J 7753
G 7754

G 7755

CLAIM MAP 11K/01B

Location of Drillhole(s): Meadows Road, Cape Breton County
Drilling Objective: Gypsum studies
Borehole Designation: MR 86-1 to MR 86-8
Geologist: G. Adams

Tract(s):	1		
	1		
	23		
	23		
	22		
	22		
	29		
	22		
Claim(s):	O	Record Number(s)	7756
	L		7757
	A		7758
	A		7759
	P		7760
	P		7761
	A		7762
	M		7763

CLAIM MAP 21A/16B

Location of Drillhole(s): Dean and Chapter Lake Lunenburg County
Drilling Objective: Mineral deposit studies
Borehole Designation: D&C 85-3
Geologist: G. O'Reilly
Tract(s): 106
Claim(s): H Record Number(s) 7700

CLAIM MAP 21H/16A

Location of Drillhole(s): Amherst, Cumberland County
Drilling Objective: Building Stone Project
Borehole Designation: AMH 86-1 to AMH 86-3
Geologist: G. Dickie

Tract(s):	82		
	82		
	82		
Claim(s):	A	Record Number(s)	7726
	H		7727
	A		7728

APPENDIX III

RECORD OF DRILLHOLES

AND SURVEY DATA

PART A

RECORD NUMBER	START DATE	FINISH DATE	ORTHO 3 DEG NORTH	ORTHO 3 DEG EAST	LONG. DEG,MIN,SEC.	LAT. DEG,MIN,SEC.	COLLAR ELEVATION	DEPTH (m)
7700	30-09-85	04-03-86	NOT SURVEYED DUE TO LACK OF MONUMENTS IN AREA					451.72
7701	19-11-86	24-03-86	4998761.26	362059.67	63,46,19.58	45,07,42.46	48.60	1057.60
7702	09-04-86	24-04-86	5052123.98	218037.51	62,36,44.09	45,36,20.02	59.83	147.20
7703	01-03-86	20-06-86	5059059.82	219147.65	62,35,57.26	45,40,5.15	22.25	845.70
7704	28-04-86	17-09-86	5056988.78	402030.89	63,15,9.40	45,38,52.59	43.03	785.50
7705	19-09-86	24-10-86	4959827.30	192519.99	62,55,6.60	44,46,17.72	46.26	275.23
7706	03-10-86	02-01-87	4992432.01	264200.36	62,00,56.18	45,04,21.57	49.17	455.37
7707	12-11-86	24-11-86	5058368.45	200818.57	62,50,3.35	45,39,33.75	118.84	30.48
7708	12-11-86	24-11-86	5058446.16	200820.36	62,50,3.33	45,39,36.26	118.94	30.48
7709	12-11-86	24-11-86	5058523.19	200853.38	62,50,1.86	45,39,38.78	123.32	30.48
7710	06-03-86	27-03-86	5058796.84	203402.13	62,48,04.36	45,39,48.99	19.90	47.85
7711	06-03-86	27-03-86	5058767.54	203375.91	62,48,05.55	45,39,48.03	22.19	47.85
7712	06-03-86	27-03-86	5058790.75	203376.12	62,48,05.56	45,39,48.79	19.88	38.98
7713	23-07-86	28-07-86	5058739.92	203392.50	62,48,4.76	45,39,47.15	N/A	26.51
7714	23-07-86	28-07-86	5058829.93	203369.92	62,48,5.87	45,39,50.05	21.88	13.71
7715	23-07-86	28-07-86	5058814.58	203385.19	62,48,5.15	45,39,49.56	20.51	17.83
7716	21-03-86	27-03-86	5046982.96	196900.46	62,52,55.23	45,33,22.88	55.41	38.71
7717	06-03-86	27-03-86	5047003.89	196914.47	62,52,54.60	45,33,23.57	55.33	35.66
7718	06-03-86	27-03-86	5047030.94	196923.97	62,52,54.18	45,33,24.45	56.56	41.75
7719	21-04-86	25-04-86	N/A	N/A	N/A	N/A	N/A	26.52
7720	21-04-86	25-04-86	N/A	N/A	N/A	N/A	N/A	26.52
7721	30-07-86	05-08-86	N/A	N/A	N/A	N/A	N/A	35.35
7722	30-07-86	05-08-86	N/A	N/A	N/A	N/A	N/A	19.81
7723	02-04-86	08-04-86	5061741.68	211967.88	62,41,30.75	45,41,28.69	27.91	47.85
7724	02-04-86	08-04-86	5061778.92	211902.67	62,41,33.79	45,41,29.86	28.01	47.85
7725	02-04-86	08-04-86	5061699.99	212009.21	62,41,28.82	45,41,27.36	26.65	47.85
7726	05-05-86	09-05-86	5077314.95	329026.70	64,11,17.30	45,50,14.00	29.07	47.85
7727	05-05-86	09-05-86	5077290.72	328999.50	64,11,19.08	45,50,13.22	28.12	32.61
7728	05-05-86	09-05-86	5077253.81	328974.07	64,11,19.75	45,50,12.03	30.72	32.61
7729	06-10-86	28-10-86	N/A	N/A	N/A	N/A	N/A	37.18
7730	06-10-86	28-10-86	N/A	N/A	N/A	N/A	N/A	29.56
7731	06-10-86	28-10-86	N/A	N/A	N/A	N/A	N/A	32.61
7732	06-10-86	28-10-86	N/A	N/A	N/A	N/A	N/A	47.85
7733	06-10-86	28-10-86	N/A	N/A	N/A	N/A	N/A	78.33
7734	06-10-86	28-10-86	N/A	N/A	N/A	N/A	N/A	53.95
7735	06-10-86	28-10-86	N/A	N/A	N/A	N/A	N/A	53.95
7736	06-10-86	28-10-86	N/A	N/A	N/A	N/A	N/A	53.95
7737	15-05-86	16-05-86	NOT SURVEYED DUE TO LACK OF MONUMENTS IN AREA					13.41

RECORD NUMBER	START DATE	FINISH DATE	ORTHO 3 DEG NORTH	ORTHO 3 DEG EAST	LONG DEG,MIN,SEC.	LAT. DEG,MIN,SEC.	COLLAR ELEVATION	DEPTH (m)
7738	20-05-86	04-11-86	10+70N	40+40W	N/A	N/A	4979.30	59.43
7739	20-05-86	04-11-86	12+72N	40+60W	N/A	N/A	4960.99	56.99
7740	20-05-86	04-11-86	11+70N	37+10W	N/A	N/A	4958.24	63.09
7741	20-05-86	04-11-86	10+80N	39+10W	N/A	N/A	4979.30	60.04
7742	20-05-86	04-11-86	11+70N	42+10W	N/A	N/A	4971.37	47.85
7743	20-05-86	04-11-86	12+80N	44+15W	N/A	N/A	4966.57	44.80
7744	20-05-86	04-11-86	13+70N	44+50W	N/A	N/A	4950.98	29.56
7745	20-05-86	04-11-86	13+90N	42+15W	N/A	N/A	4953.50	49.98
7746	20-05-86	04-11-86	14+90N	46+90W	N/A	N/A	4952.69	38.10
7747	20-05-86	04-11-86	13+00N	47+10W	N/A	N/A	4974.82	41.75
7748	20-05-86	04-11-86	10+90N	47+00W	N/A	N/A	4986.86	30.78
7749	20-05-86	04-11-86	11+00N	44+05W	N/A	N/A	4975.91	52.73
7750	20-05-86	04-11-86	12+65N	40+88W	N/A	N/A	4960.61	58.52
7751	20-05-86	04-11-86	10+85N	39+00W	N/A	N/A	4979.38	47.55
7752	20-05-86	04-11-86	12+84N	44+10W	N/A	N/A	4967.43	42.06
7753	20-05-86	04-11-86	14+03N	42+00W	N/A	N/A	4952.83	49.07
7754	20-05-86	04-11-86	14+72N	47+16W	N/A	N/A	4955.52	39.01
7755	20-05-86	04-11-86	13+02N	47+06W	N/A	N/A	4972.81	39.01
7756	10-07-86	11-09-86	5097306.21	400638.29	60,15,44.85	46,00,38.97	82.94	125.27
7757	10-07-86	11-09-86	5097185.75	400561.23	60,15,48.52	46,00,35.11	84.08	111.86
7758	10-07-86	11-09-86	5098004.45	399726.73	60,16,26.72	46,01,2.04	48.42	84.43
7759	10-07-86	11-09-86	5098095.32	399812.65	60,16,22.66	46,01,4.94	48.02	90.52
7760	10-07-86	11-09-86	5098737.53	397983.57	60,17,47.23	46,01,26.64	16.48	38.71
7761	10-07-86	11-09-86	5098896.52	397989.74	60,17,46.83	46,01,31.79	16.19	44.80
7762	10-07-86	11-09-86	5099338.00	394871.00	60,20,11.51	46,01,47.58	4.80	84.43
7763	10-07-86	11-09-86	5098392.41	396987.43	60,18,33.77	46,01,15.95	23.95	67.36

APPENDIX III

RECORD OF DRILLHOLES

AND SURVEY DATA

PART B

RECORD NUMBER	DDH DESIGNATION	DDH NAME	COUNTY	ORTHO MAP	TOPO MAP	CLAIM MAP	TRACT/ CLAIM	GEOLOGIST
7700	D&C 85-3	Dean Chapter Lk.	Lunenburg	21A/16-U3	21A/16	21-A-16-B	106/H	G. O'Reilly
7701	RC 85-1	Riverside Cr.	Hants	11E/04-V3	11E/4	11-E-4-C	02/H	D. Carter
7702	P-57	Frasers Mtn.	Pictou	11E/10-W1	11E/10	11-E-10-A	91/K	K. Gillis
7703	P-58	Lewis Rd.	Pictou	11E/10-Z1	11E/10	11-E-10-D	44/D	R. Naylor
7704	TF 86-1	The Falls	Colchester	11E/11-V3	11E/11	11-E-11-C	24/J	B. Ryan
7705	LKCH 86-1	Lake Charlotte	Halifax	11D/15-R1	11D/15	11-D-15-B	16/J	P. Giles
7706	SL 86-1	Sinclair Lk.	Guysborough	11E/01-T4	11E/1	11-E-1-A	72/E	C. Miller
7707	McK 86-1	Hardwood Hill	Pictou	11E/10-U4	11E/10	11-E-10-C	29/J	G. Dickie
7708	McK 86-2	Hardwood Hill	Pictou	11E/10-U4	11E/10	11-E-10-C	29/J	G. Dickie
7709	McK 86-3	Hardwood Hill	Pictou	11E/10-U4	11E/10	11-E-10-C	29/J	G. Dickie
7710	SMB 86-1	Sawmill/Lyons Bk.	Pictou	11E/10-V3	11E/10	11-E-10-C	27/P	G. Dickie
7711	SMB 86-2	Sawmill/Lyons Bk.	Pictou	11E/10-V3	11E/10	11-E-10-C	27/P	G. Dickie
7712	SMB 86-3	Sawmill/Lyons Bk.	Pictou	11E/10-V3	11E/10	11-E-10-C	27/P	G. Dickie
7713	SMB 86-4	Sawmill/Lyons Bk.	Pictou	11E/10-V3	11E/10	11-E-10-C	27/K	G. Dickie
7714	SMB 86-5	Sawmill/Lyons Bk.	Pictou	11E/10-V3	11E/10	11-E-10-C	27/P	G. Dickie
7715	SMB 86-6	Sawmill/Lyons Bk.	Pictou	11E/10-V3	11E/10	11-E-10-C	27/P	G. Dickie
7716	EMB 86-1	Eight Mile Bk.	Pictou	11E/10-R4	11E/10	11-E-10-B	55/B	G. Dickie
7717	EMB 86-2	Eight Mile Bk.	Pictou	11E/10-R4	11E/10	11-E-10-B	55/B	G. Dickie
7718	EMB 86-3	Eight Mile Bk.	Pictou	11E/10-R4	11E/10	11-E-10-B	55/B	G. Dickie
7719	EMB 86-4	Eight Mile Bk.	Pictou	11E/10-R4	11E/10	11-E-10-B	55/B	G. Dickie
7720	EMB 86-5	Eight Mile Bk.	Pictou	11E/10-R4	11E/10	11-E-10-B	55/B	G. Dickie
7721	EMB 86-6	Eight Mile Bk.	Pictou	11E/10-R4	11E/10	11-E-10-B	55/B	G. Dickie
7722	EMB 86-7	Eight Mile Bk.	Pictou	11E/10-R4	11E/10	11-E-10-B	55/B	G. Dickie
7723	CRP 86-1	Caribou Rd.	Pictou	11E/10-Z1	11E/10	11-E-10-D	58/J	G. Dickie
7724	CRP 86-2	Caribou Rd.	Pictou	11E/10-Z1	11E/10	11-E-10-D	58/Q	G. Dickie
7725	CRP 86-3	Caribou Rd.	Pictou	11E/10-Z1	11E/10	11-E-10-D	58/J	G. Dickie
7726	AMH 86-1	Amherst	Cumberland	21H/16-V2	21H/16	21-H-16-A	82/A	G. Dickie
7727	AMH 86-2	Amherst	Cumberland	21H/16-V2	21H/16	21-H-16-A	82/H	G. Dickie
7728	AMH 86-3	Amherst	Cumberland	21H/16-V2	21H/16	21-H-16-A	82/A	G. Dickie
7729	WAL 86-1	Wallace	Cumberland	11E/14-R3	11E/14	11-E-14-B	59/B	G. Dickie
7730	WAL 86-2	Wallace	Cumberland	11E/14-R3	11E/14	11-E-14-B	59/B	G. Dickie
7731	WAL 86-3	Wallace	Cumberland	11E/14-R3	11E/14	11-E-14-B	59/B	G. Dickie
7732	WAL 86-4	Wallace	Cumberland	11E/14-R3	11E/14	11-E-14-B	59/B	G. Dickie
7733	WAL 86-5	Wallace	Cumberland	11E/14-R3	11E/14	11-E-14-B	59/B	G. Dickie
7734	WAL 86-6	Wallace	Cumberland	11E/14-R3	11E/14	11-E-14-B	59/B	G. Dickie
7735	WAL 86-7	Wallace	Cumberland	11E/14-R3	11E/14	11-E-14-B	59/B	G. Dickie
7736	WAL 86-8	Wallace	Cumberland	11E/14-R3	11E/14	11-E-14-B	59/B	G. Dickie
7737	J 86-1	Judique	Inverness	N/A	11F/14	11-F-14-B	106/D	G. Dickie

RECORD NUMBER	DDH DESIGNATION	DDH NAME	COUNTY	ORTHO MAP	TOPO MAP	CLAIM MAP	TRACT/ CLAIM	GEOLOGIST
7738	Y 86-1	Yava 401	Cape Breton	11F/16-U2	11F/16	11-F-16-B	88/H	J. Patterson
7739	Y 86-2	Yava 402	Cape Breton	11F/16-U2	11F/16	11-F-16-B	88/J	J. Patterson
7740	Y 86-3	Yava 403	Cape Breton	11F/16-U2	11F/16	11-F-16-B	89/E	J. Patterson
7741	Y 86-4	Yava 404	Cape Breton	11F/16-U2	11F/16	11-F-16-B	88/H	J. Patterson
7742	Y 86-5	Yava 405	Cape Breton	11F/16-U2	11F/16	11-F-16-B	88/H	J. Patterson
7743	Y 86-6	Yava 406	Cape Breton	11F/16-U2	11F/16	11-F-16-B	88/H	J. Patterson
7744	Y 86-7	Yava 407	Cape Breton	11F/16-U2	11F/16	11-F-16-B	88/H	J. Patterson
7745	Y 86-8	Yava 408	Cape Breton	11F/16-U2	11F/16	11-F-16-B	88/J	J. Patterson
7746	Y 86-9	Yava 409	Cape Breton	11F/16-U2	11F/16	11-F-16-B	88/G	J. Patterson
7747	Y 86-10	Yava 410	Cape Breton	11F/16-U2	11F/16	11-F-16-B	88/G	J. Patterson
7748	Y 86-11	Yava 411	Cape Breton	11F/16-U2	11F/16	11-F-16-B	88/G	J. Patterson
7749	Y 86-12	Yava 412	Cape Breton	11F/16-U2	11F/16	11-F-16-B	88/H	J. Patterson
7750	Y 86-402a	Yava	Cape Breton	11F/16-U2	11F/16	11-F-16-B	88/J	J. Patterson
7751	Y 86-404a	Yava	Cape Breton	11F/16-U2	11F/16	11-F-16-B	88/H	J. Patterson
7752	Y 86-406a	Yava	Cape Breton	11F/16-U2	11F/16	11-F-16-B	88/H	J. Patterson
7753	Y 86-408a	Yava	Cape Breton	11F-16-U2	11F/16	11-F-16-B	88/J	J. Patterson
7754	Y 86-409a	Yava	Cape Breton	11F-16-U2	11F/16	11-F-16-B	88/G	J. Patterson
7755	Y 86-410a	Yava	Cape Breton	11F-16-U2	11F/16	11-F-16-B	88/G	J. Patterson
7756	MR 86-1	Meadows Rd.	Cape Breton	N/A	N/A	11-K-1-B	01/O	G. Adams
7757	MR 86-2	Meadows Rd.	Cape Breton	N/A	N/A	11-K-1-B	01/L	G. Adams
7758	MR 86-3	Meadows Rd.	Cape Breton	N/A	N/A	11-K-1-B	23/A	G. Adams
7759	MR 86-4	Meadows Rd.	Cape Breton	N/A	N/A	11-K-1-B	23/A	G. Adams
7760	MR 86-5	Meadows Rd.	Cape Breton	N/A	N/A	11-K-1-B	22/P	G. Adams
7761	MR 86-6	Meadows Rd.	Cape Breton	N/A	N/A	11-K-1-B	22/P	G. Adams
7762	MR 86-7	Meadows Rd.	Cape Breton	N/A	N/A	11-K-1-B	29/A	G. Adams
7763	MR 86-8	Meadows Rd.	Cape Breton	N/A	N/A	11-K-1-B	22/M	G. Adams

APPENDIX IV

ASSAYS FOR DRILLHOLES

YAVA WEST ZONE EXTENSION - 1986 DRILLING PROGRAM, GEOLOGICAL AND ASSAY STATISTICS

DDH	OVERBURDEN	SST	WINDSOR GROUP	RHYOLITE BRECCIA	RHYOLITE	TOTAL DEPTH	ASSAY INTERSECTION (ft)		WIDTH (ft)	NO. OF ASSAY	ASSAY NO. FROM	ASSAY NO. TO	EST PB	LAB RESULTS Pb (%)	Zn (%)	Ag (%)
401	22.00	43.50	94.80	27.30	8.00	196.00	47.30	65.50	18.20	4	2519	2522	4.00	3.20	0.10	0.01
402	19.80	33.00	108.40	25.80	-	187.00	34.30	47.00	12.70	3	2501	2503	3.00	1.85	0.11	0.04
403	14.30	34.70	127.80	1.80	28.40	207.00	14.30	46.40	32.10	9	2504	2512	4.00	3.30	0.06	0.06
404	18.00	40.80	107.50	30.70	-	197.00	18.00	38.60	20.60	2	2533	2534	2.50	3.02	0.04	0.01
							41.90	49.50	7.60	1	2535		2.00	2.74	0.04	0.01
405	20.20	40.70	75.10	5.00	16.00	157.00	20.20	38.20	18.00	4	2514	2517	2.50	1.95	0.30	0.01
							44.30	51.20	7.00	1	2518		2.00	2.48	0.07	0.01
406	16.00	32.50	75.00	2.50	21.00	147.00	27.80	38.80	11.00	3	2528	2530	2.00	1.08	0.51	0.02
407	15.00	22.00	30.50	13.80	15.70	97.00	26.10	32.20	6.10	1	2639			0.26	0.01	0.05
408	21.00	48.50	79.90	1.30	13.70	164.00	57.30	61.10	3.80	1	2513		6.00	4.72	1.45	0.12
409	32.00	38.10	22.90	26.20	5.80	125.00	54.50	57.00	2.50	1	2536			0.02	0.38	0.01
							60.20	70.10	9.90	2	2537	2538		1.15	0.10	0.07
410	25.00	33.60	59.30	2.80	16.30	137.00	31.90	46.00	14.10	2	2531	2532	1.00	1.42	0.38	0.01
411	26.40	10.60	53.00	2.00	9.00	101.00	26.40	37.00	10.60	2	2526	2527	3.00	1.73	0.03	0.03
412	25.30	19.40	88.10	28.20	12.00	173.00	25.30	35.60	10.30	2	2523	2524	3.50	2.16	0.08	0.01
							36.50	42.00	5.50	1	2525		3.00	3.16	0.04	0.01
Totals	255.00	397.40	922.30	167.40	145.90	1888.00			190.30	35						
% drill total	13.50	21.00	48.90	8.90	7.70	100.00			10.10							
% of sst									47.90							

APPENDIX V

REPORTS PERTAINING

TO

DRILLHOLES

PRESENT REPORTS

Report	Record No.	Location
NSDME Open File Report OFR-86-40	7701	Riverside Corner
NSDME Open File Report OFR-86-62	7704	The Falls
NSDME Open File Report OFR-87-05	7707 7709	Hardwood Hills

Projected Reports

"Nova Scotia Sandstone" by G. Dickie. This report is expected to include all drilling reports for the "Building Stone Project"(Record No. 7707 to 7737).